

FIG. 1A
PRIOR ART

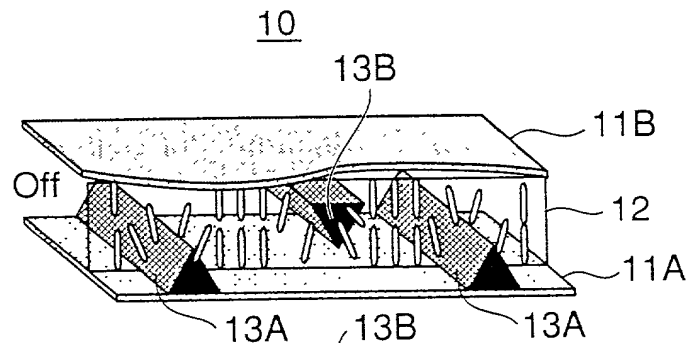


FIG. 1B
PRIOR ART

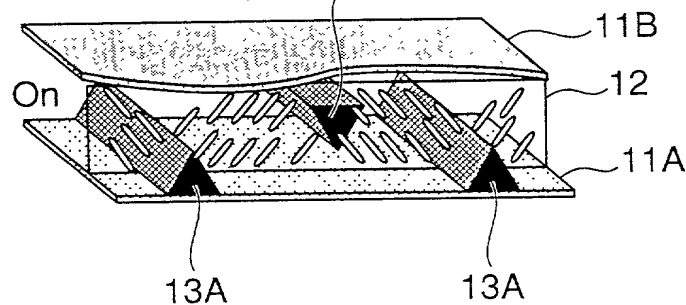
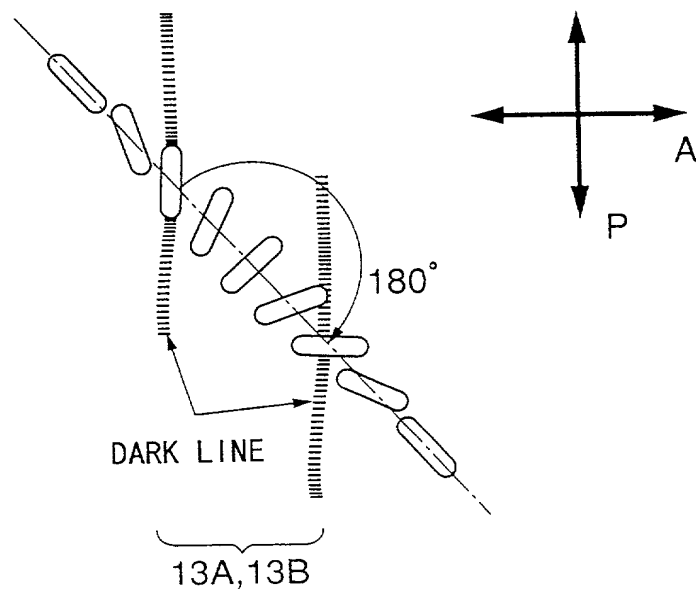


FIG. 2 PRIOR ART



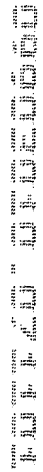
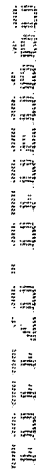
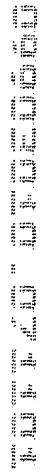
[illegible][illegible]

FIG. 4

20

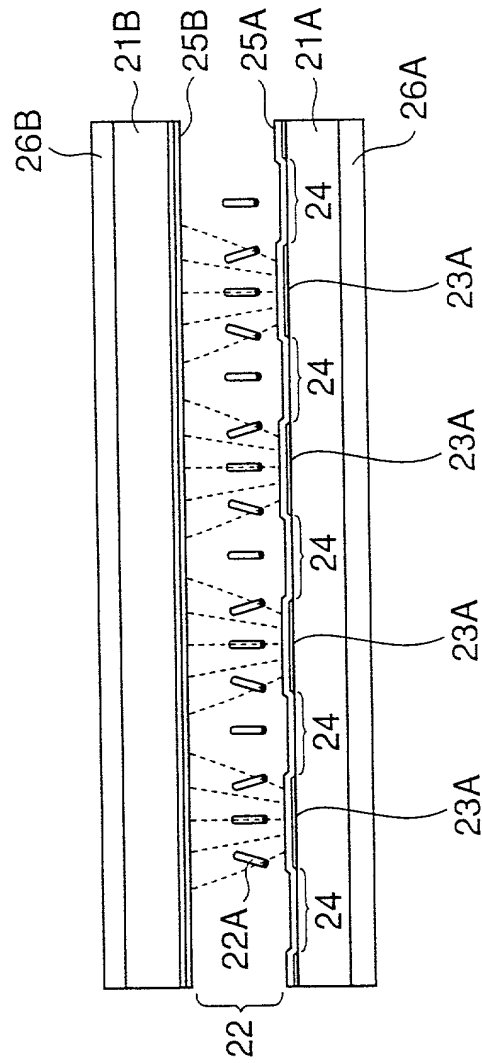


FIG. 5

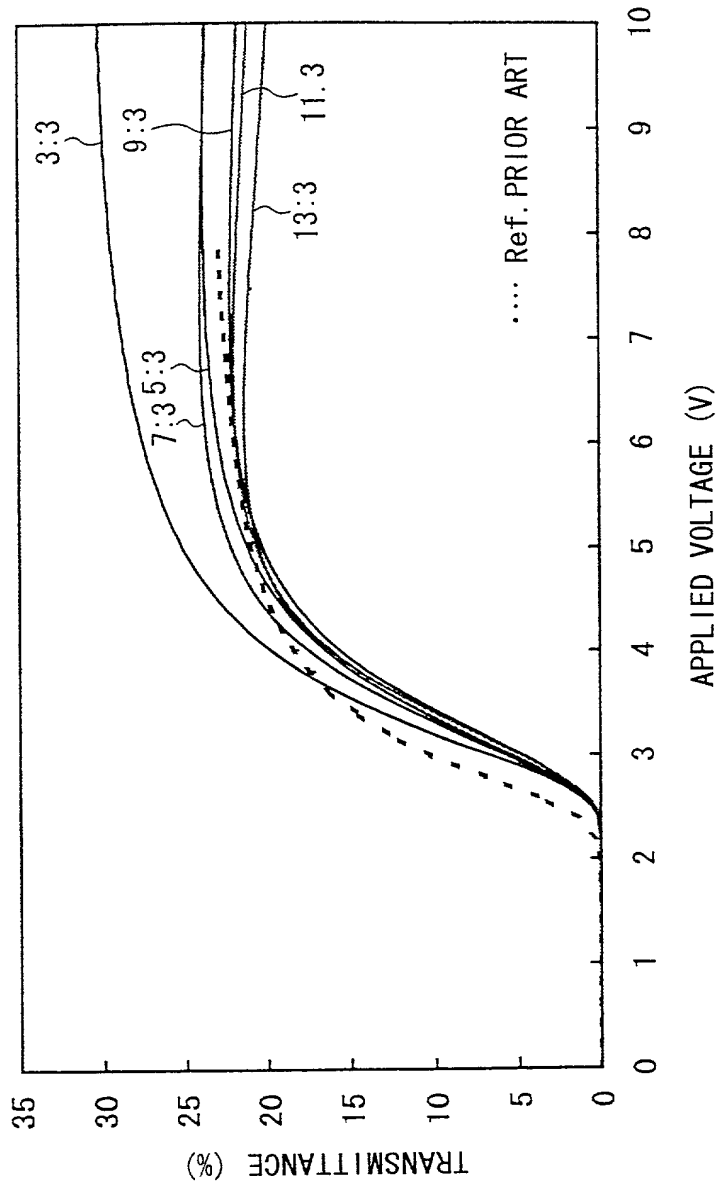


FIG. 6

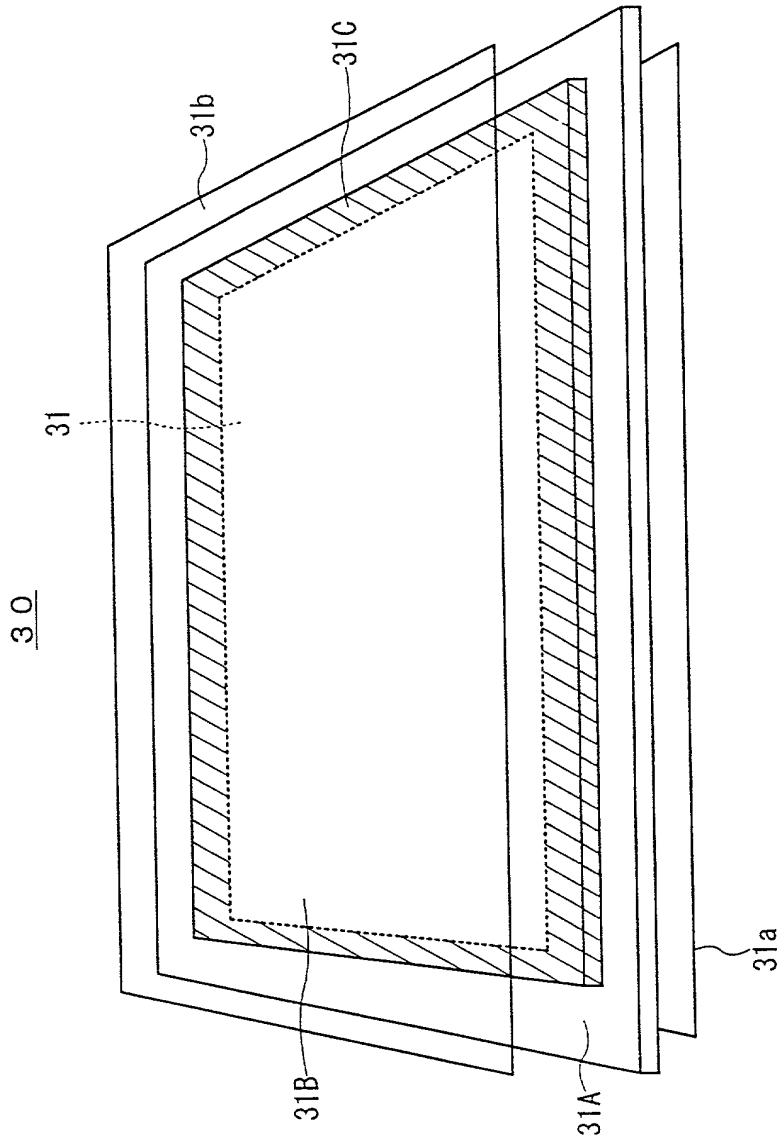


FIG. 7A

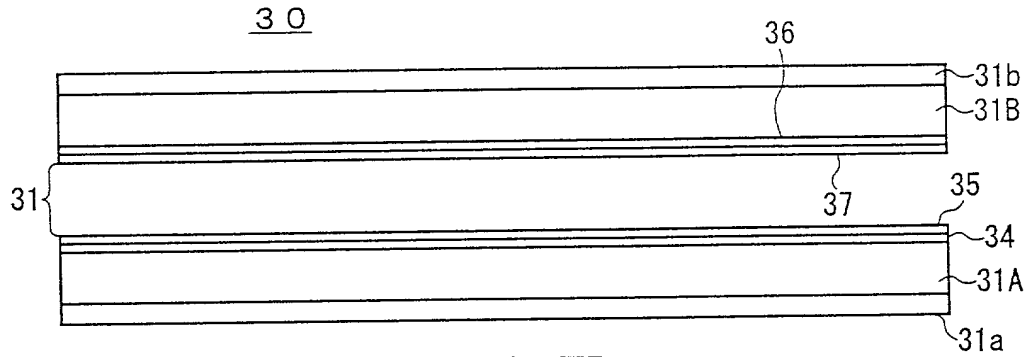


FIG. 7B

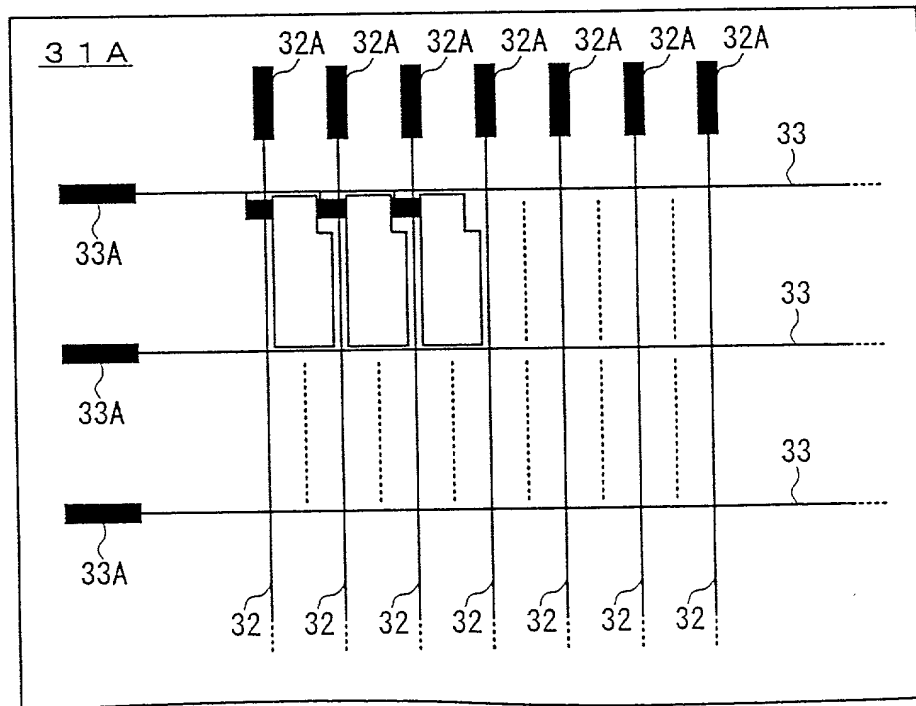


FIG. 8

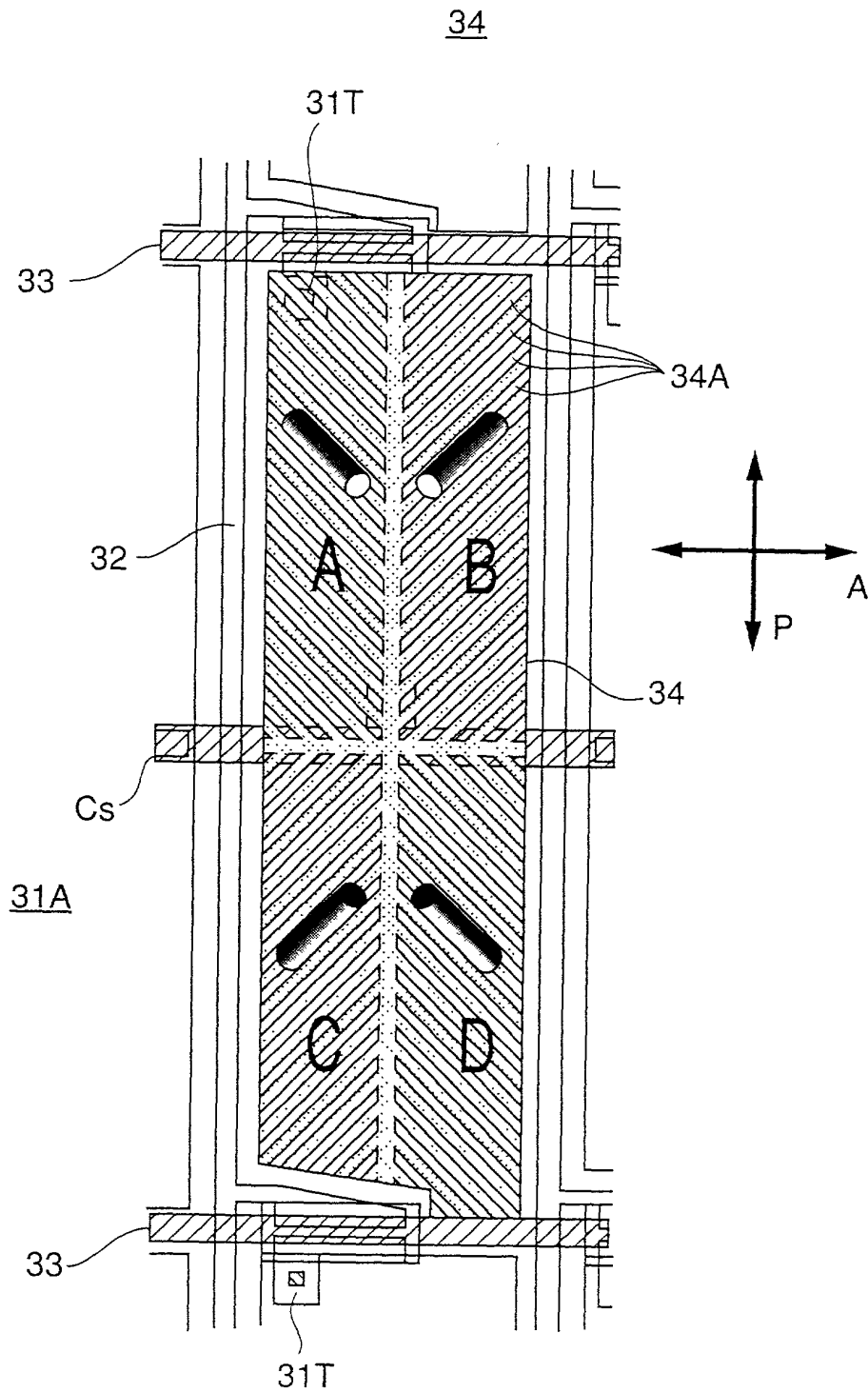
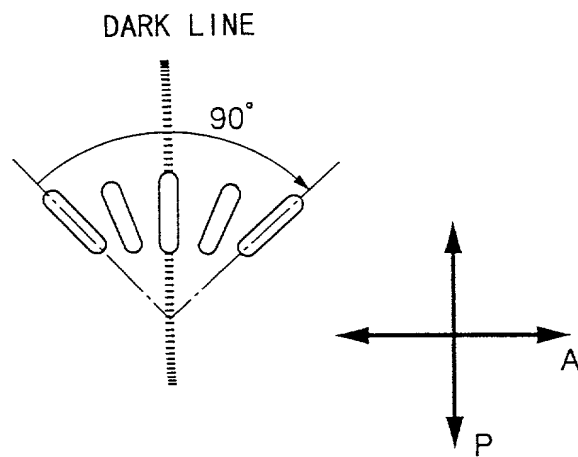


FIG. 9



Pat. No. 0941.65687

FIG. 10

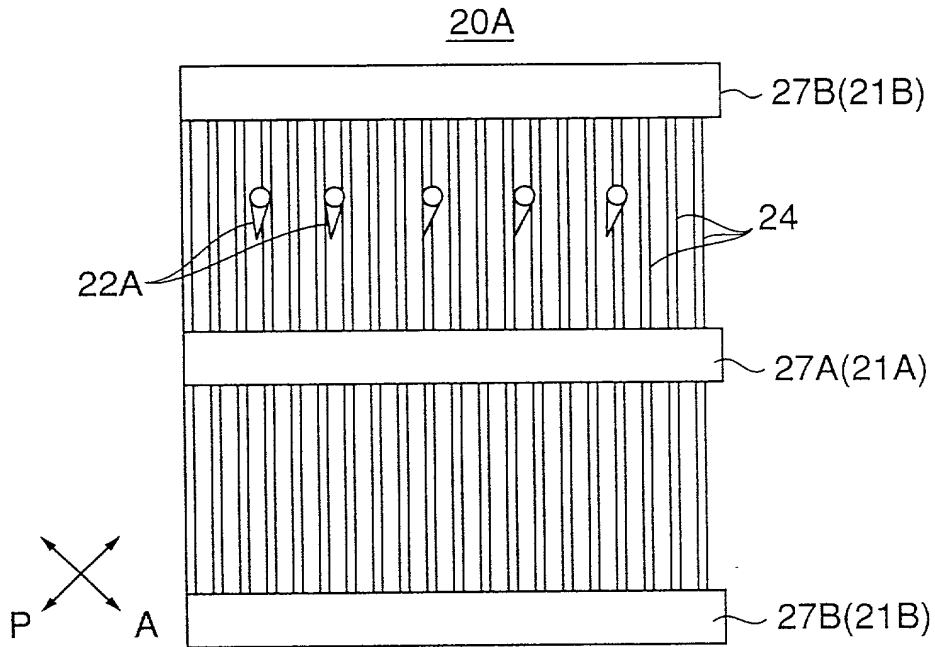


FIG. 11

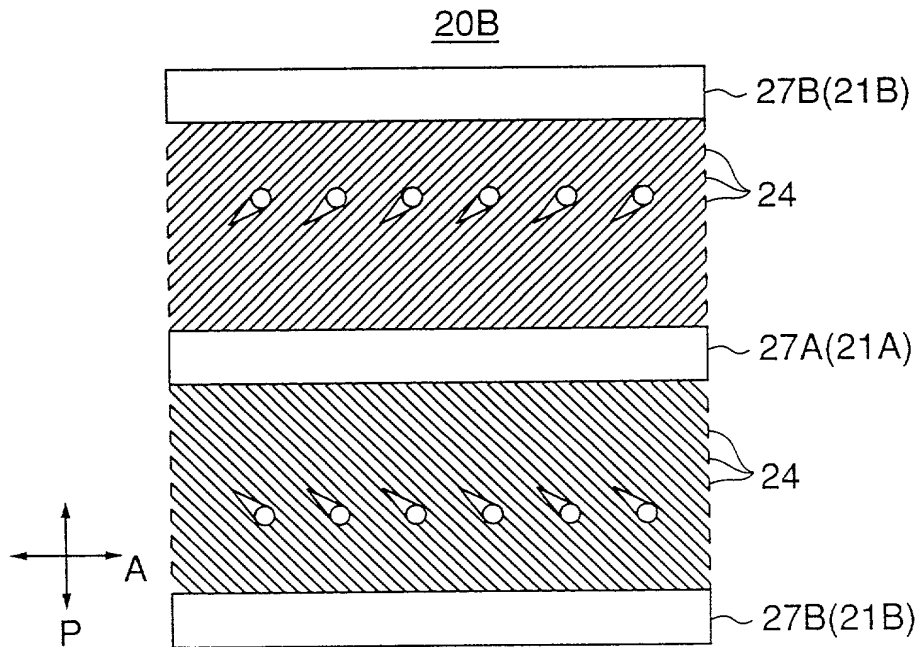


FIG. 12

20C

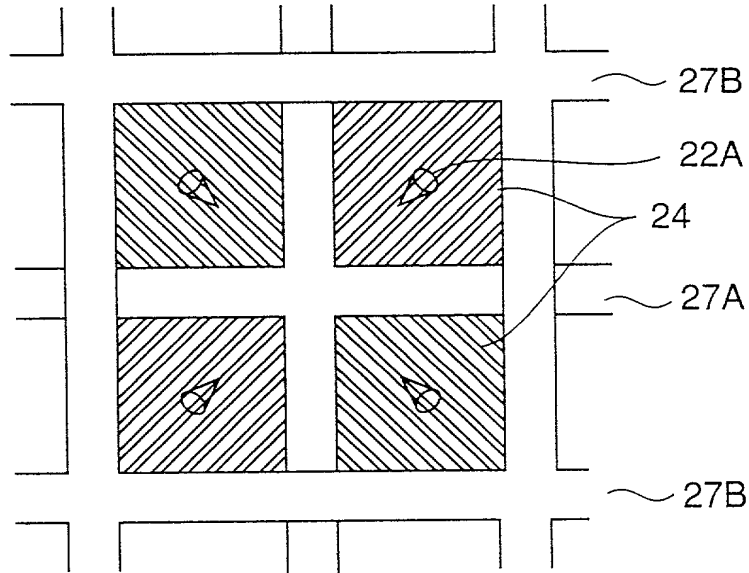


FIG. 13

20D

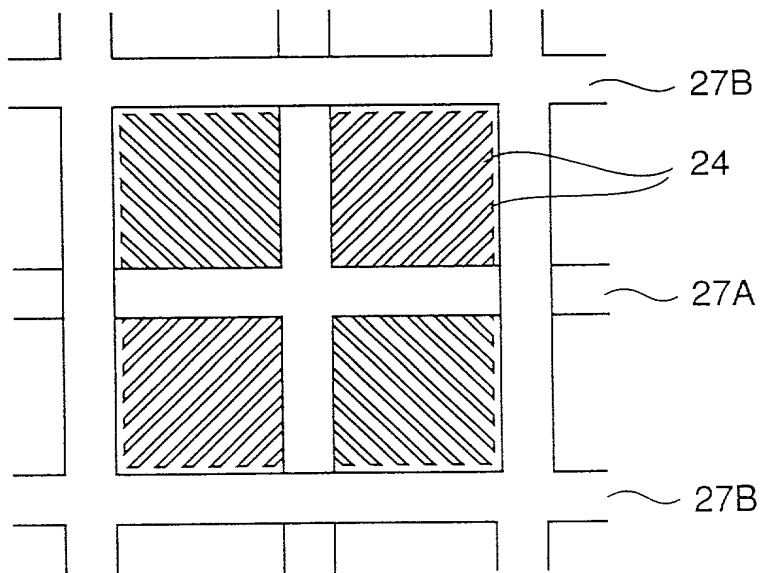


FIG. 14A

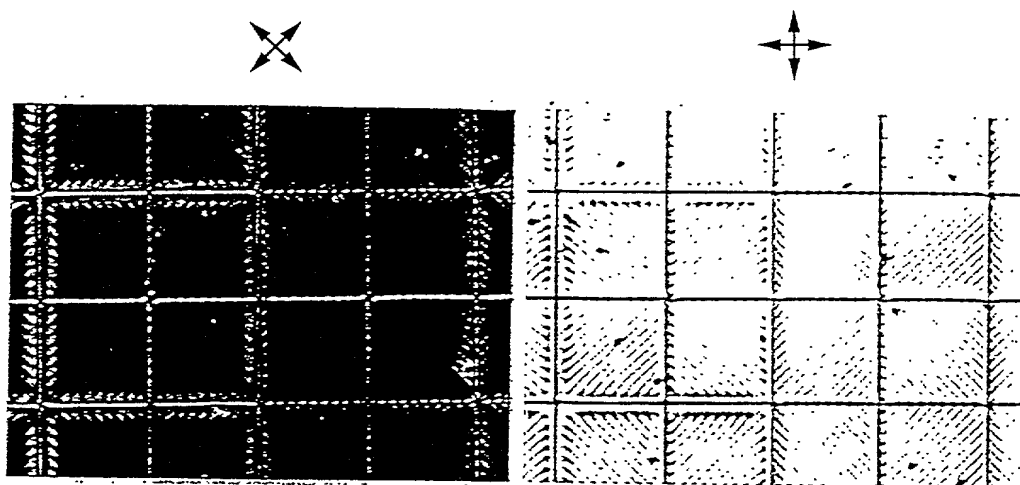


FIG. 14B

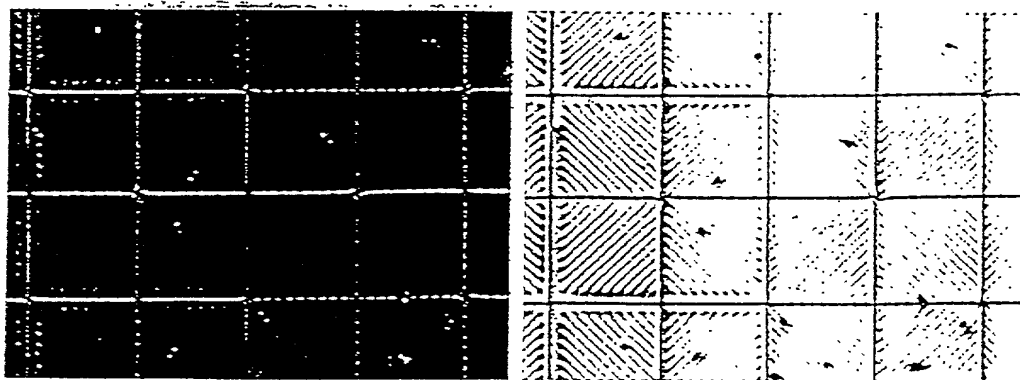


FIG. 14C

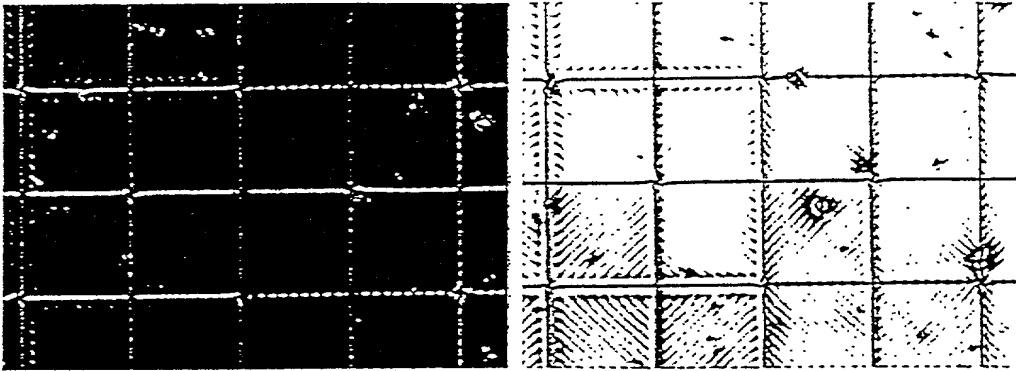
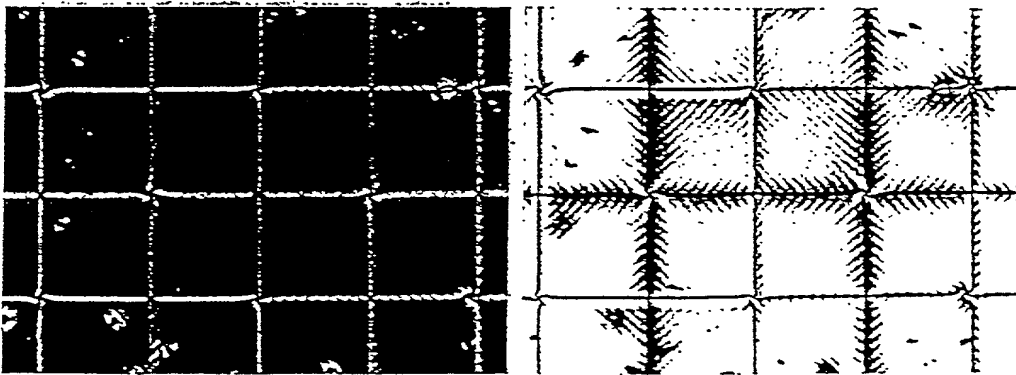


FIG. 14D



40

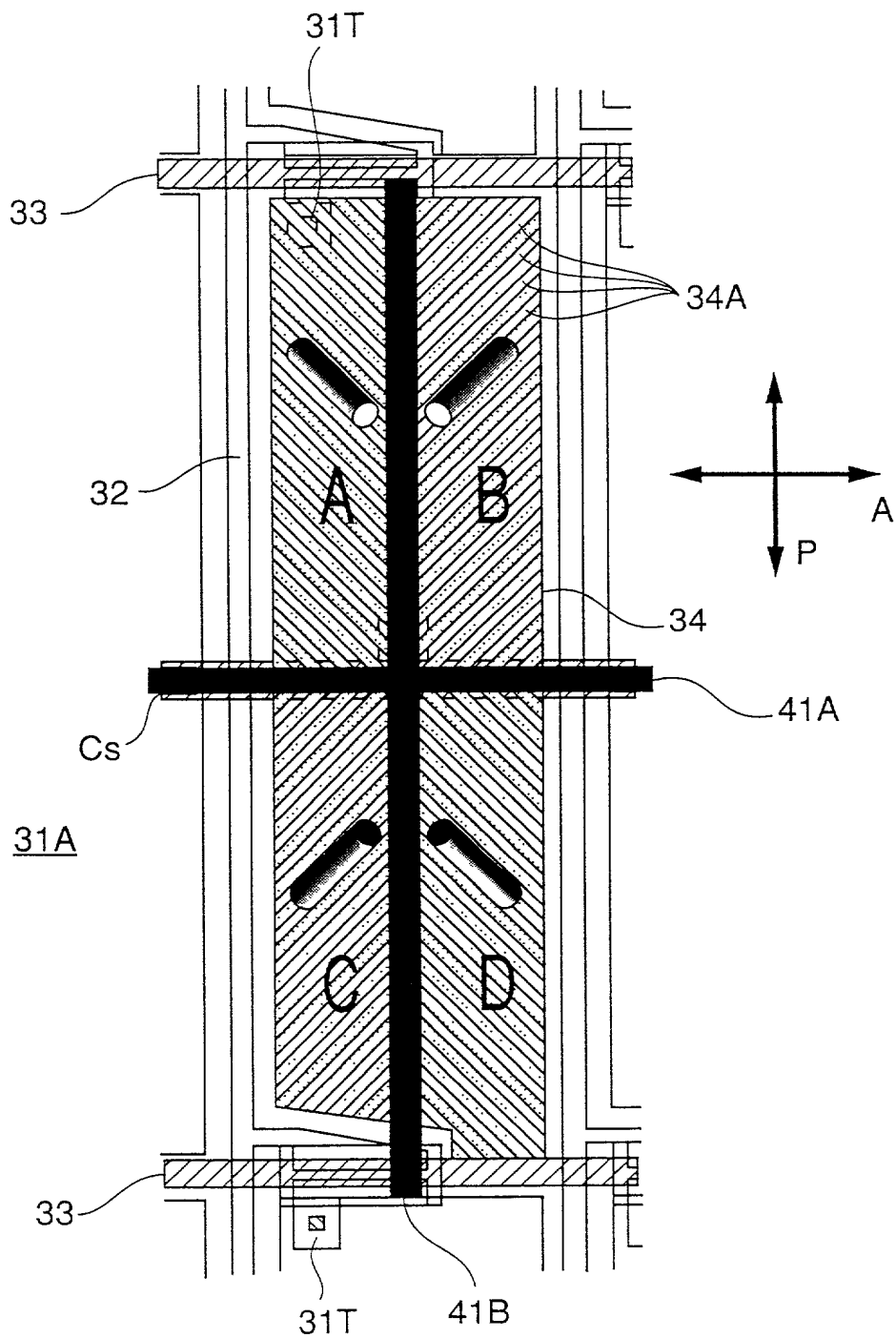


FIG. 16

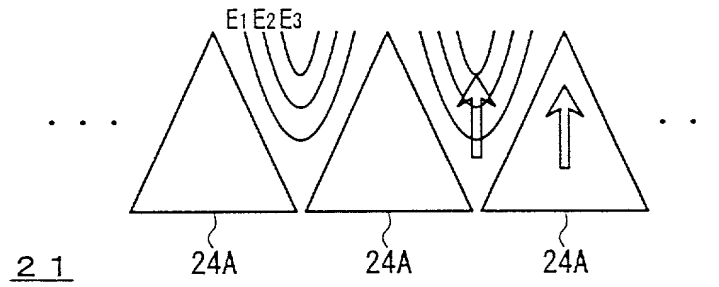


FIG. 17

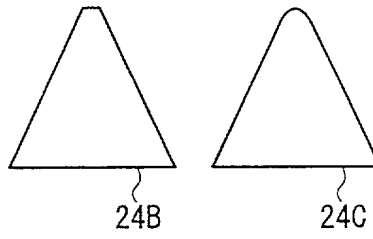


FIG. 17

FIG. 18

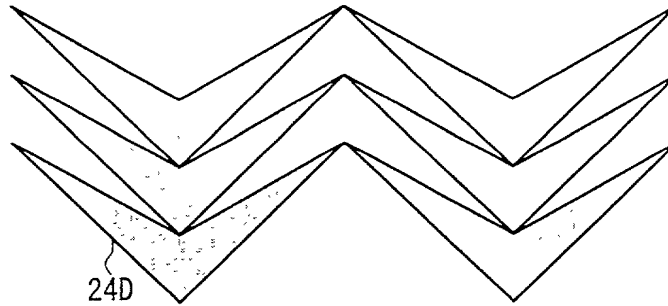


FIG. 18

FIG. 19



FIG. 20

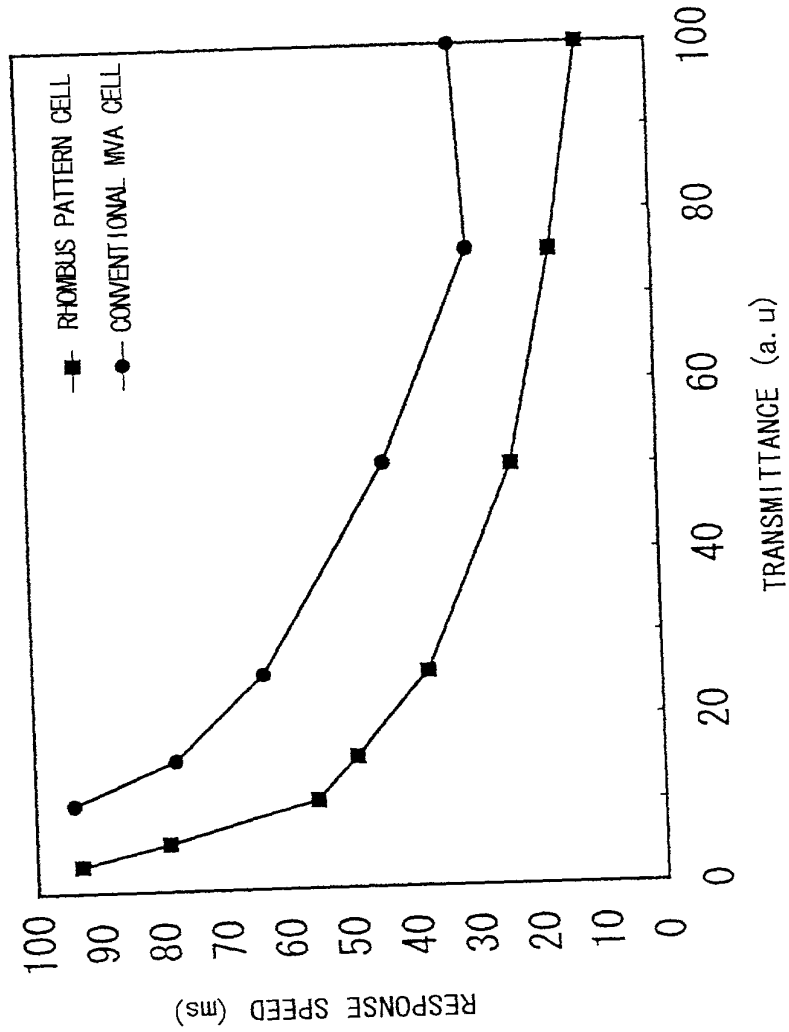


FIG. 21

50

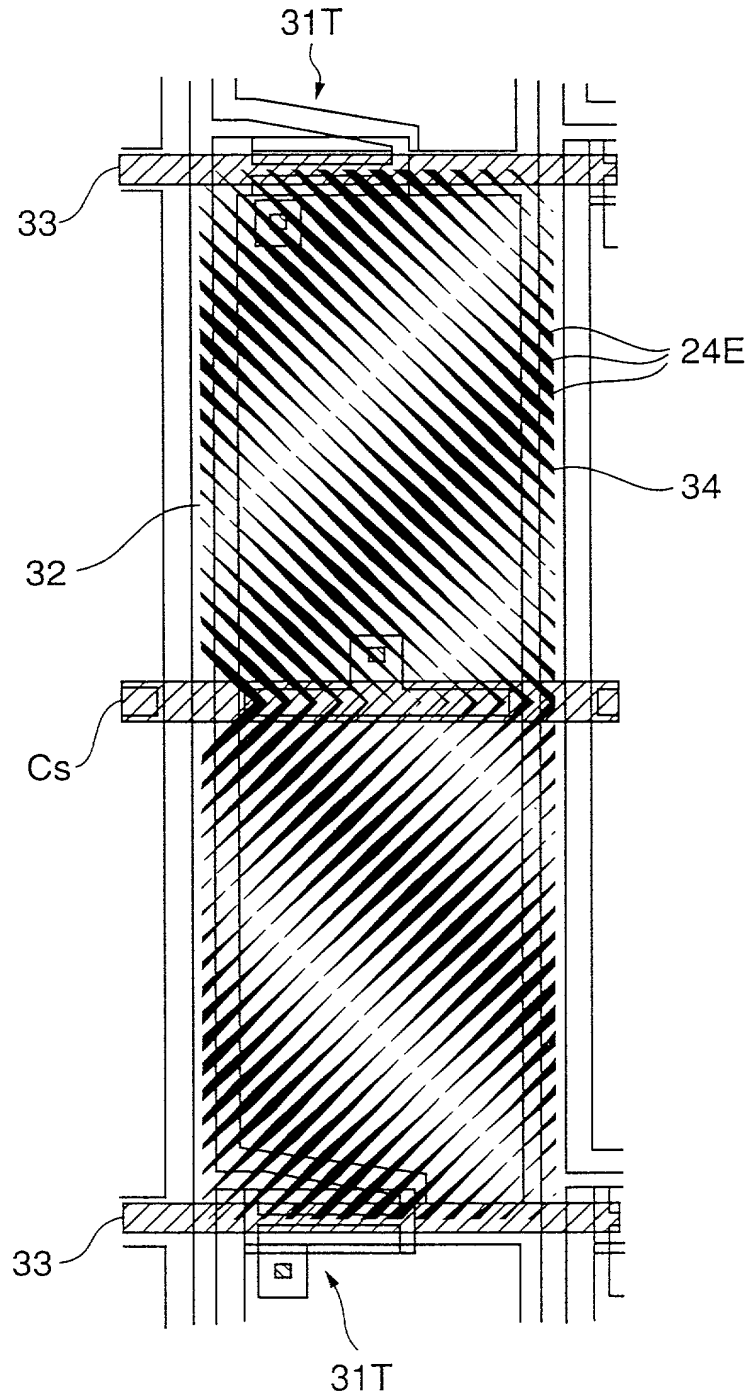
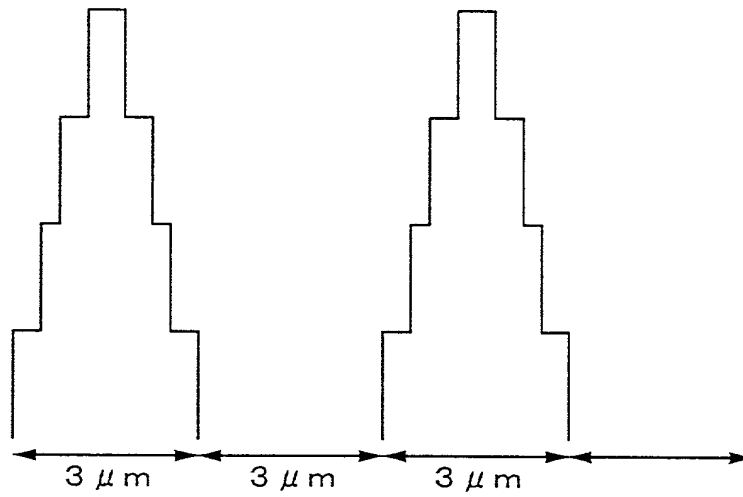


FIG. 22

2 4 E (24A~24D)



50A

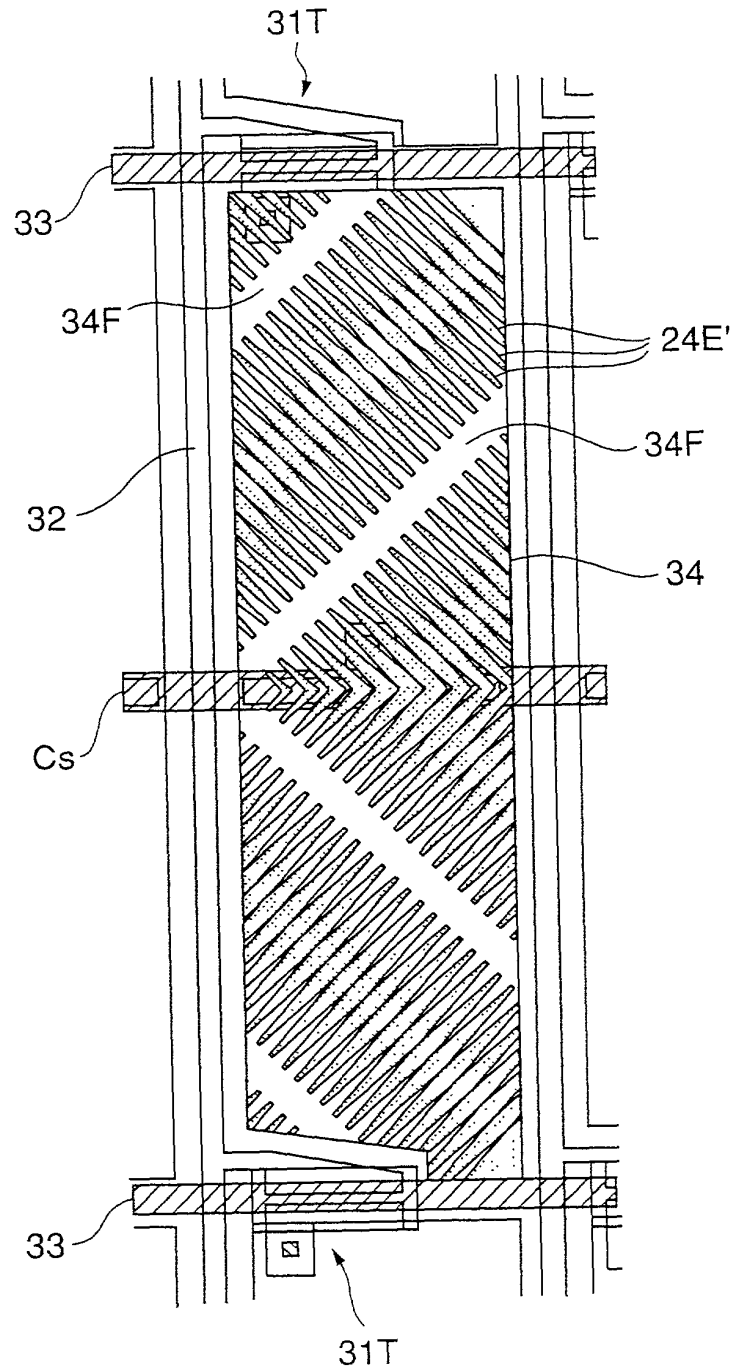


FIG. 24

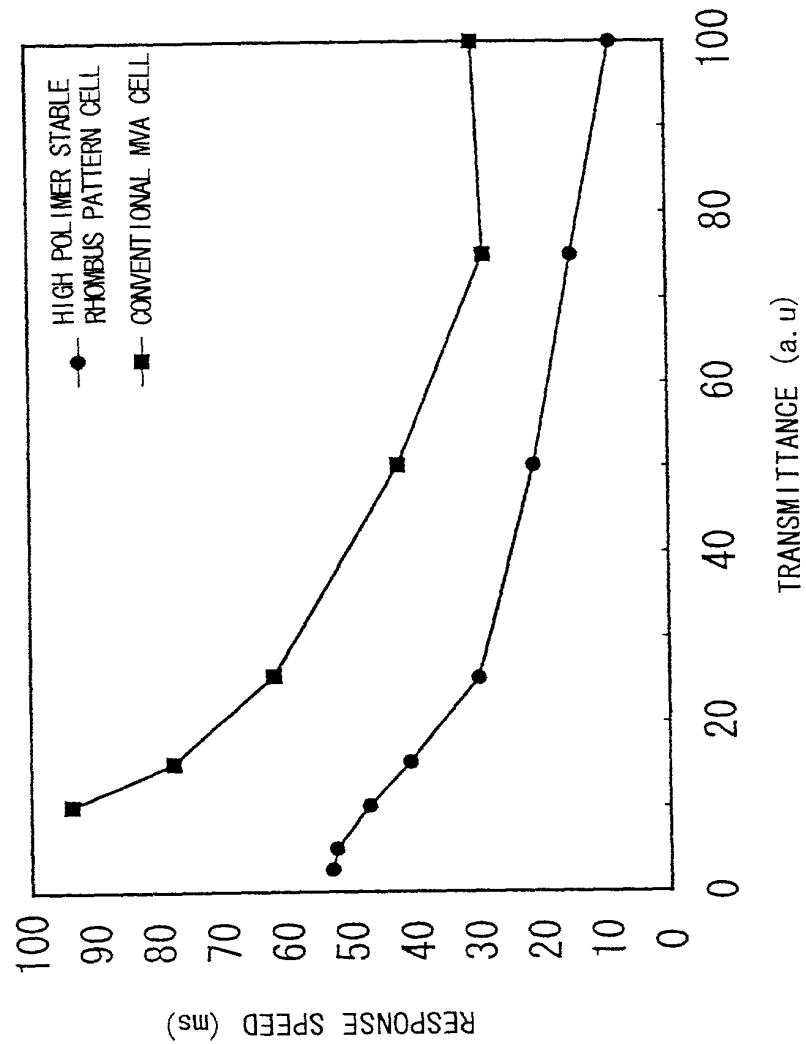


FIG. 25A

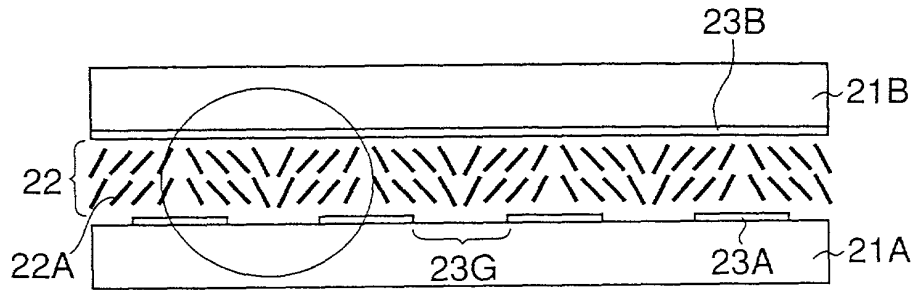


FIG. 25B

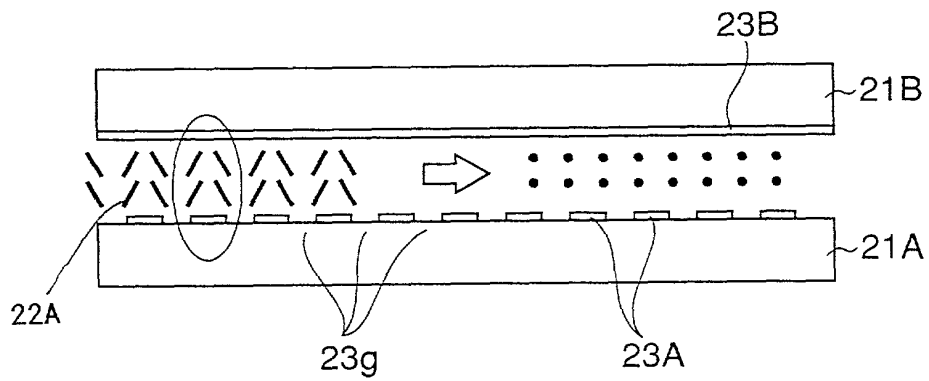
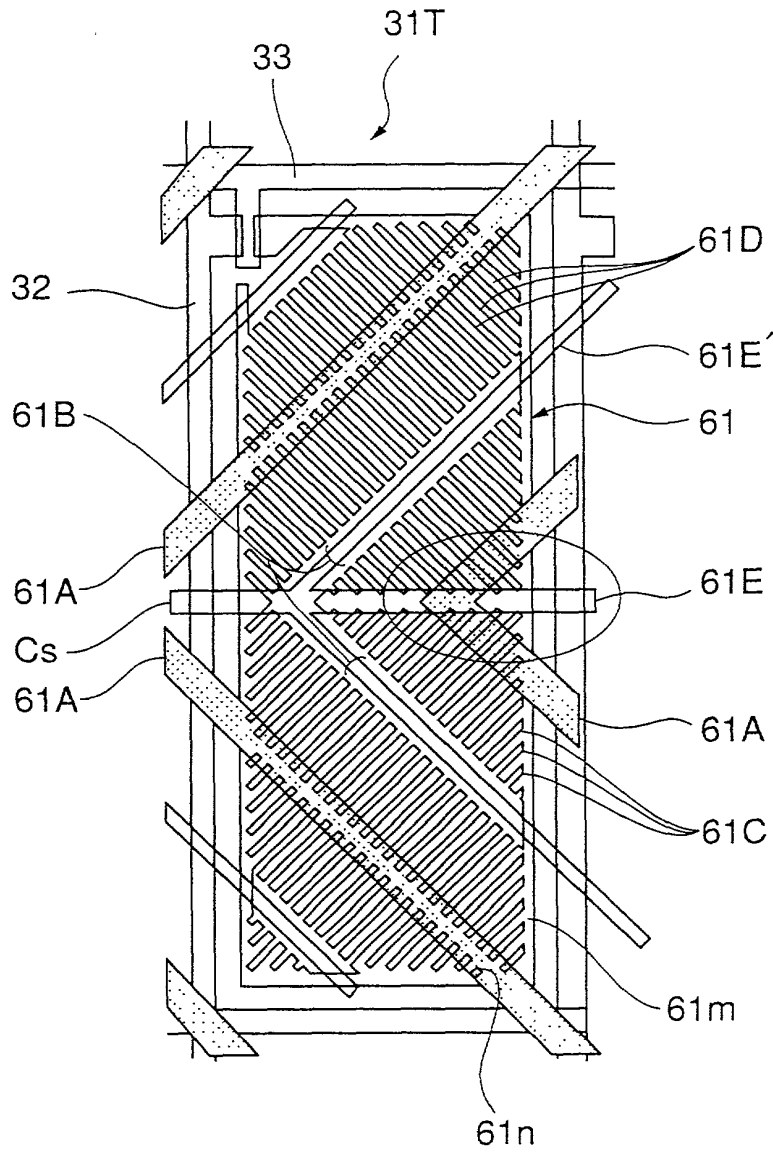


FIG. 26

60



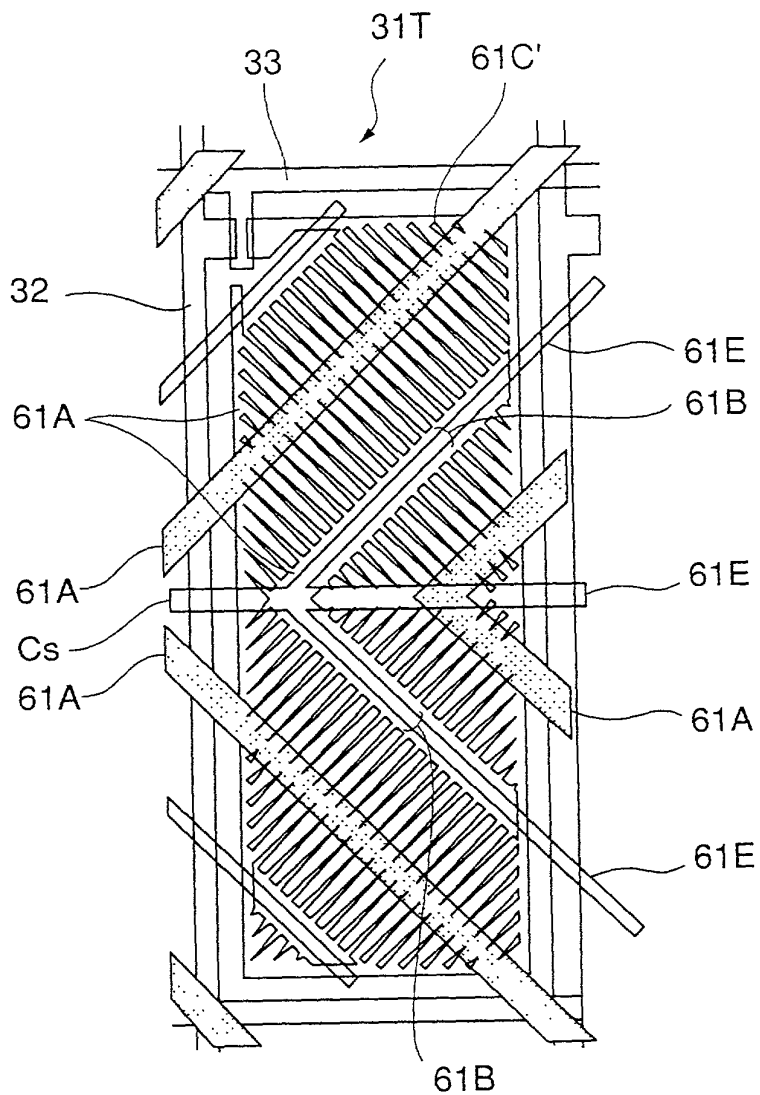
60A

FIG. 28

60C

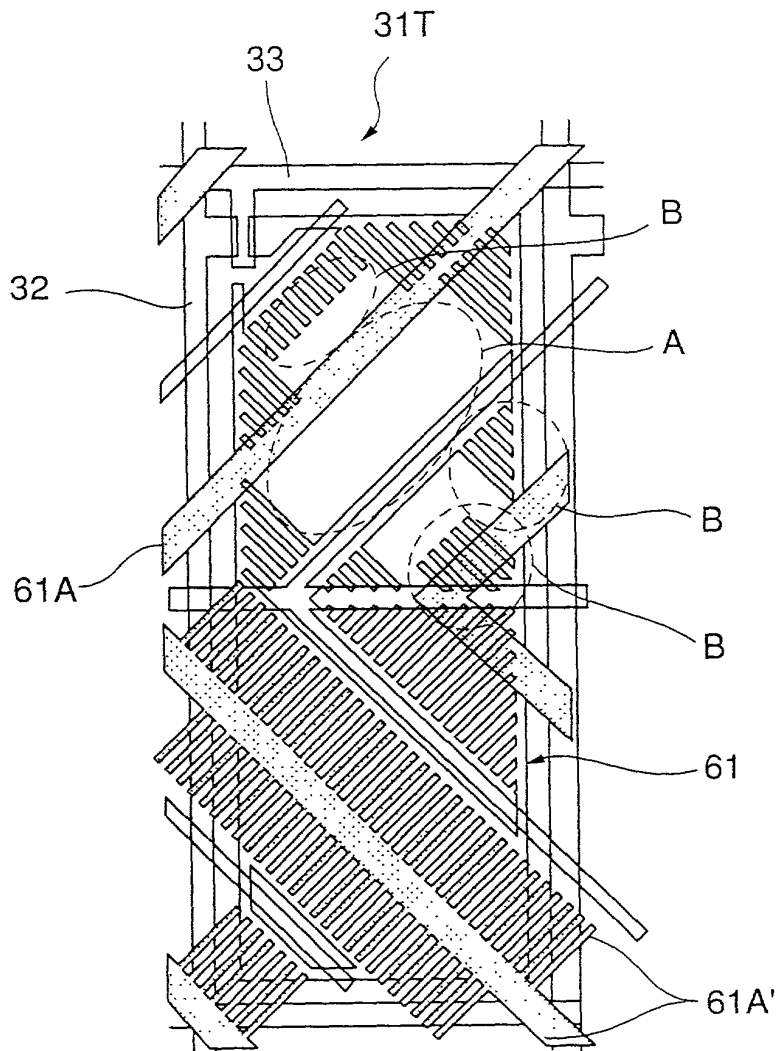


FIG. 29

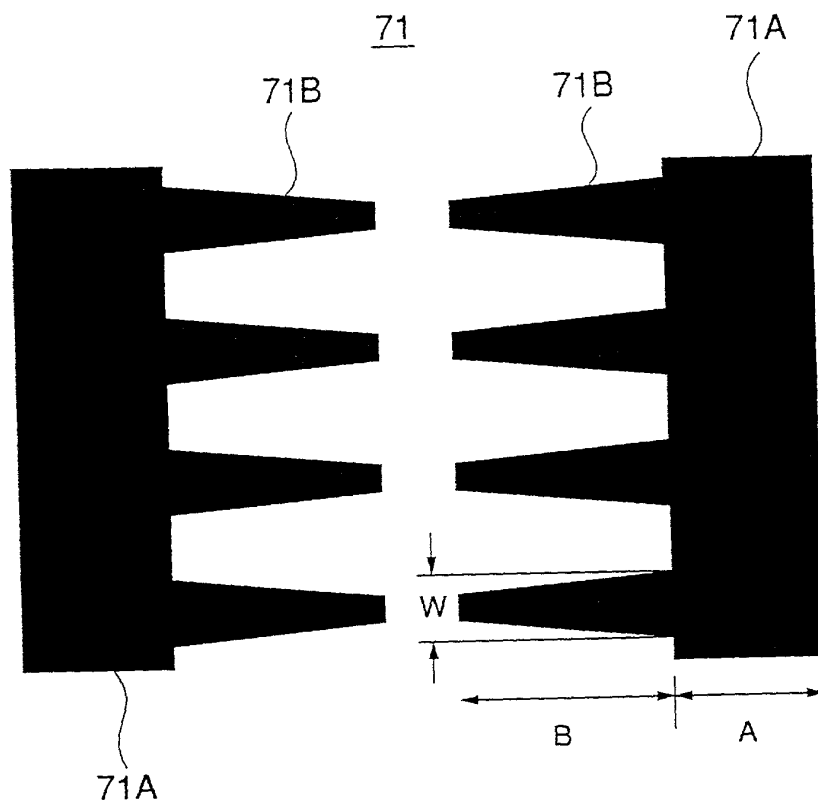


FIG. 30

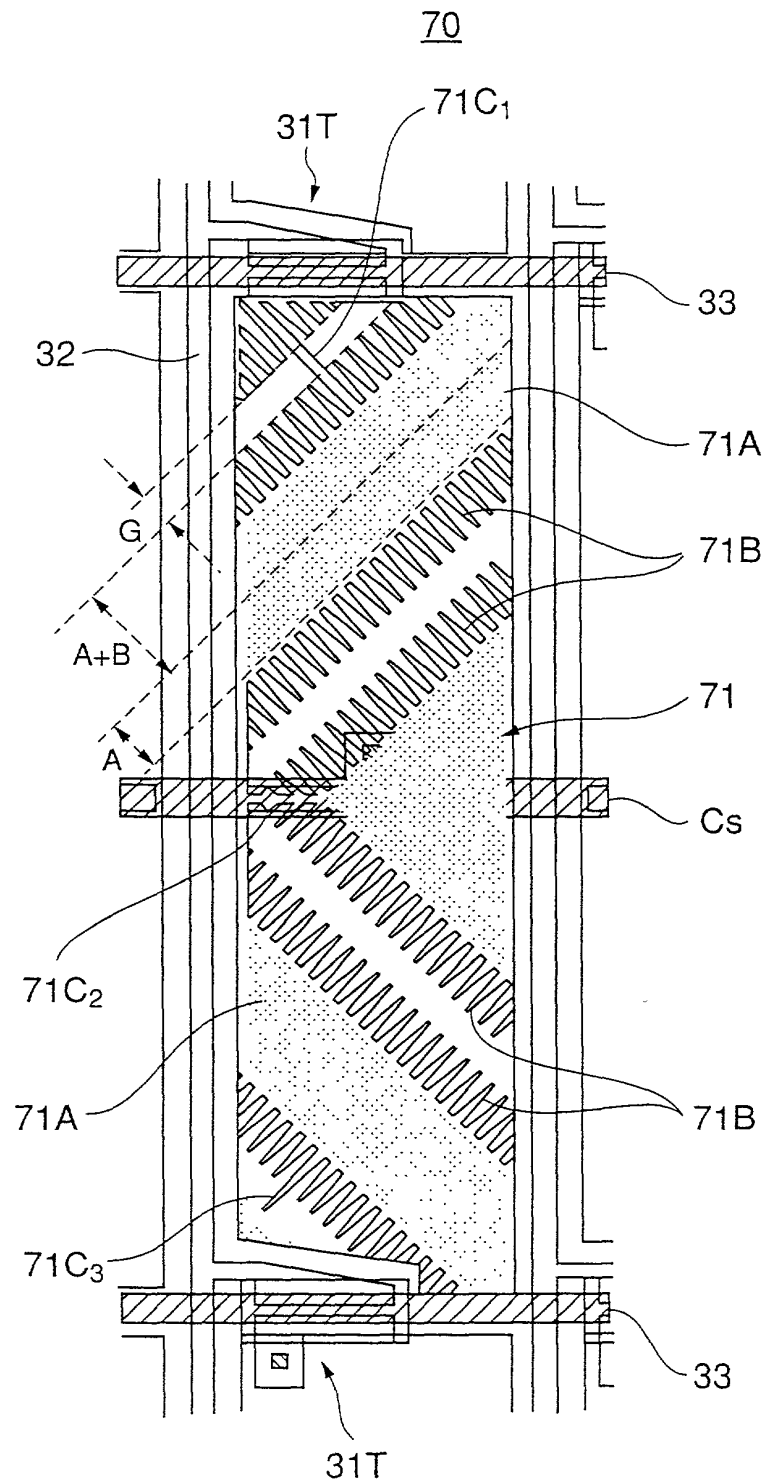


FIG. 31A

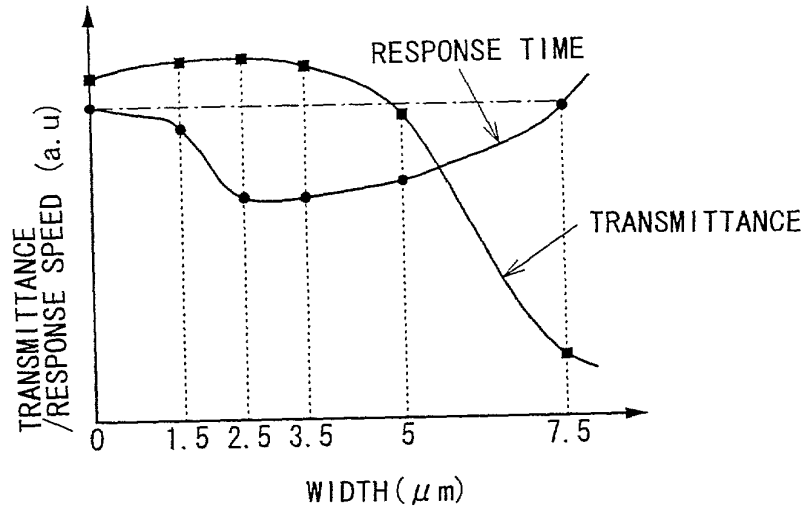


FIG. 31B

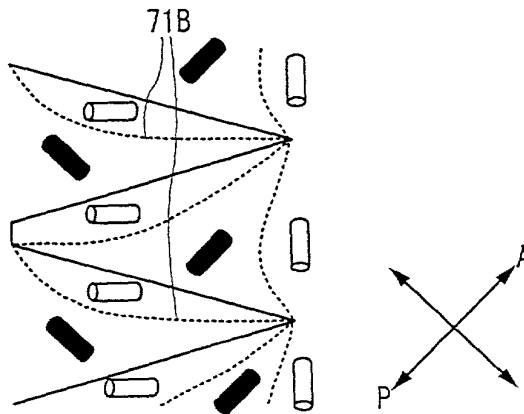


FIG. 32

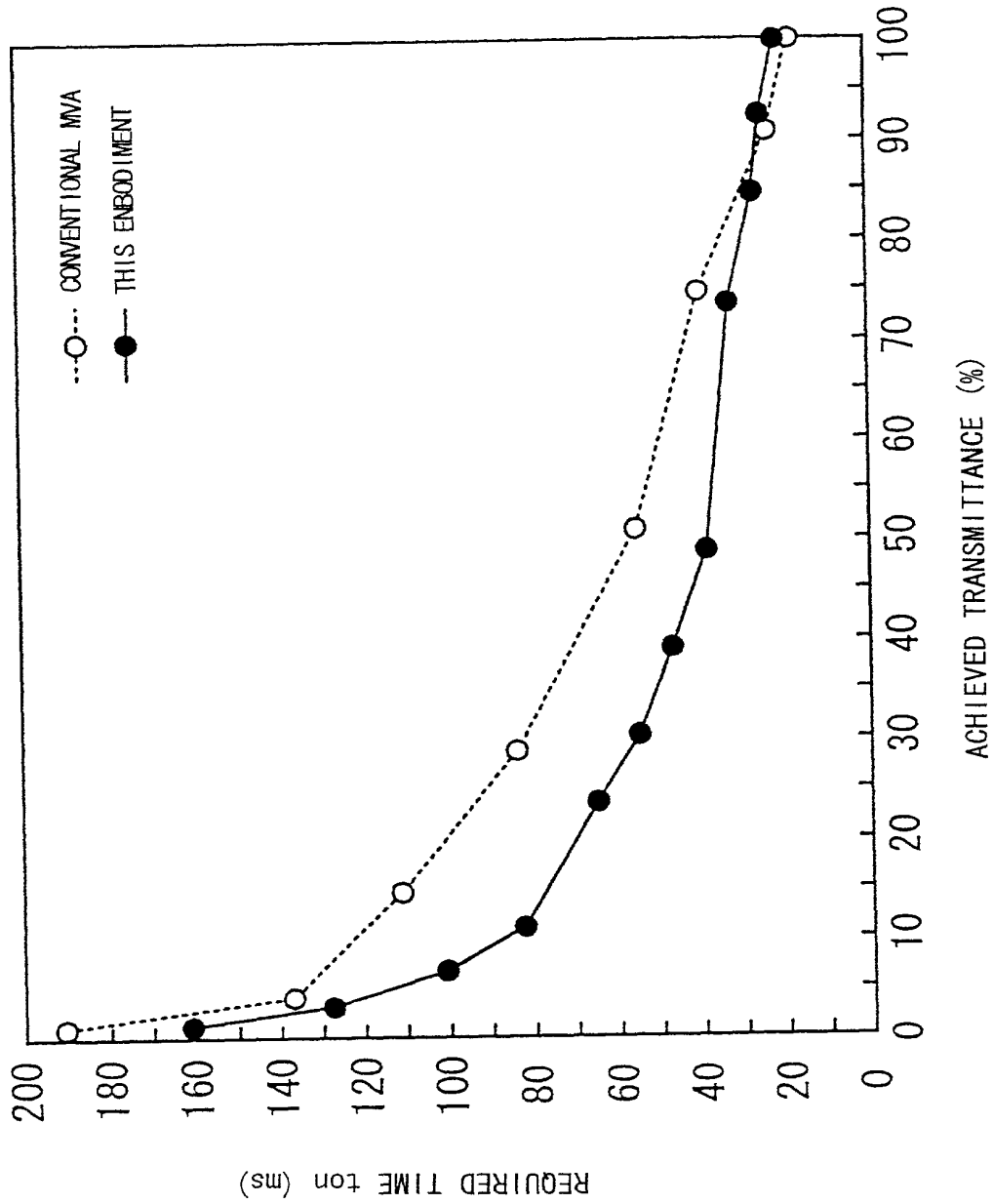


FIG. 33

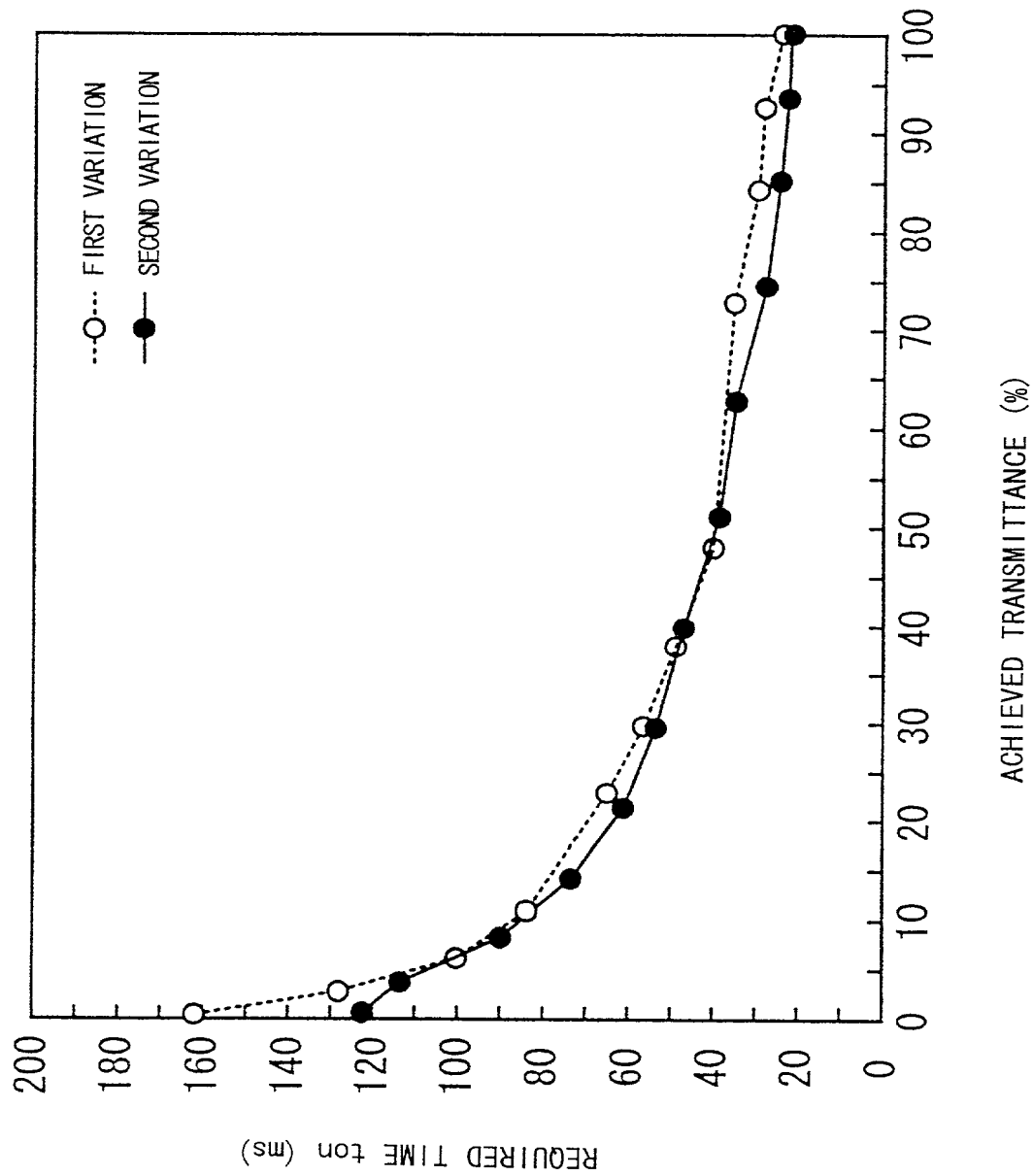


FIG. 34

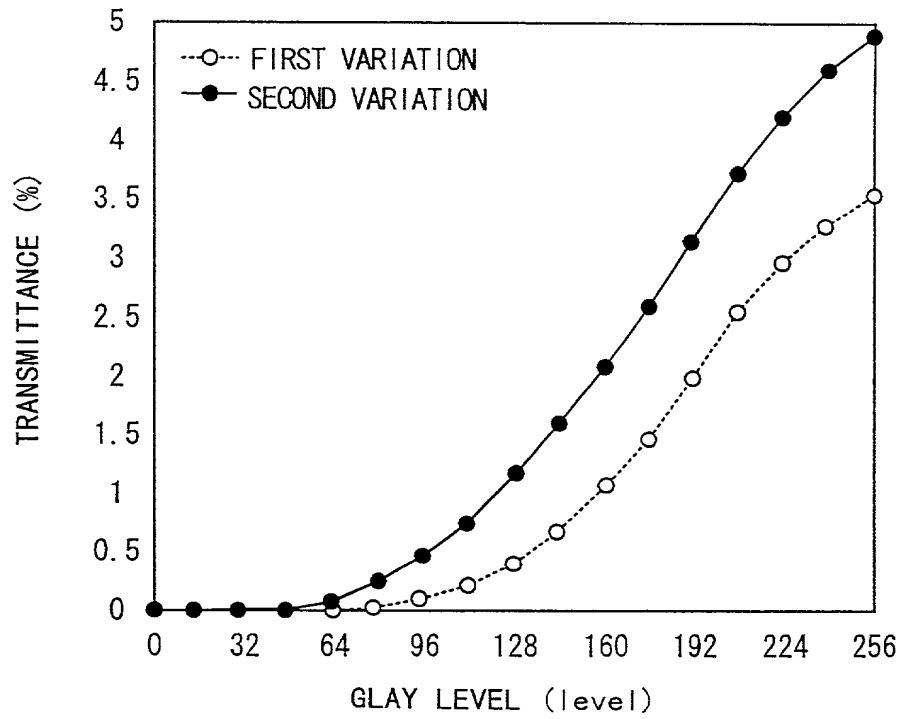


FIG. 35A



FIG. 35B

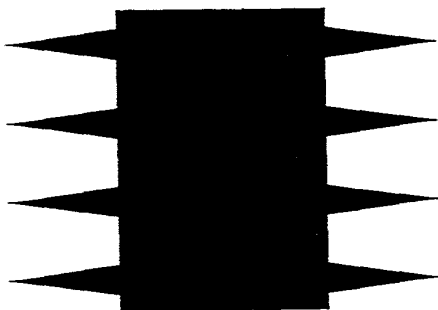


FIG. 35C

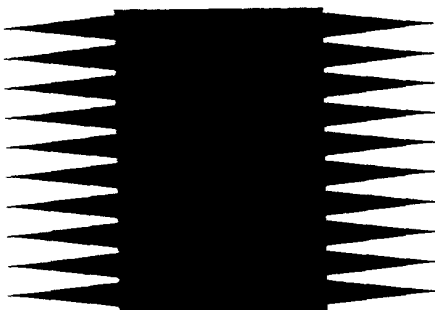


FIG. 36A

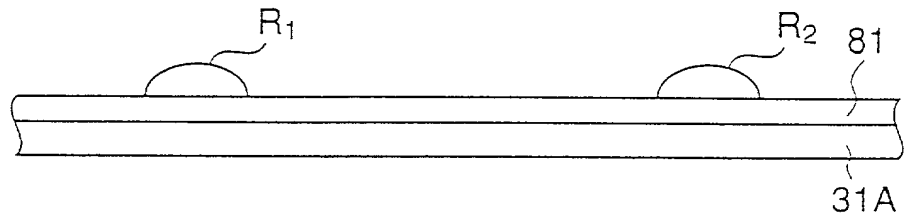


FIG. 36B

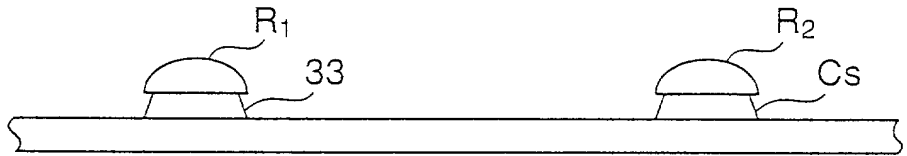


FIG. 36C

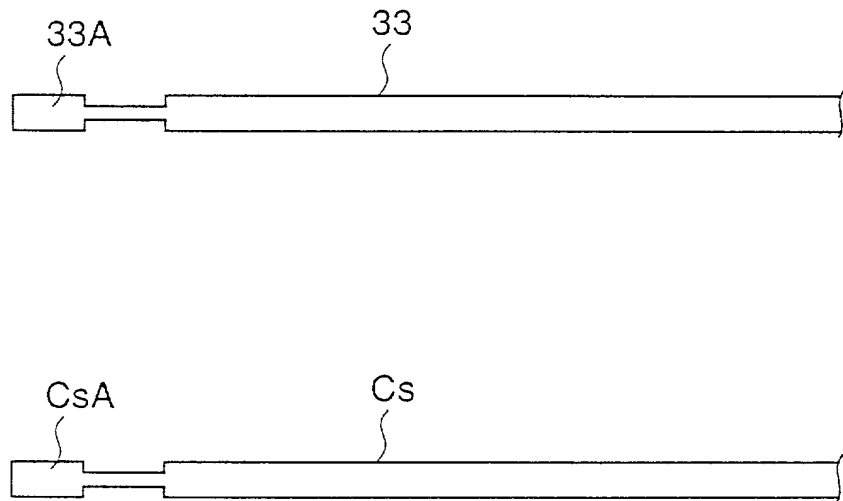


FIG. 36D

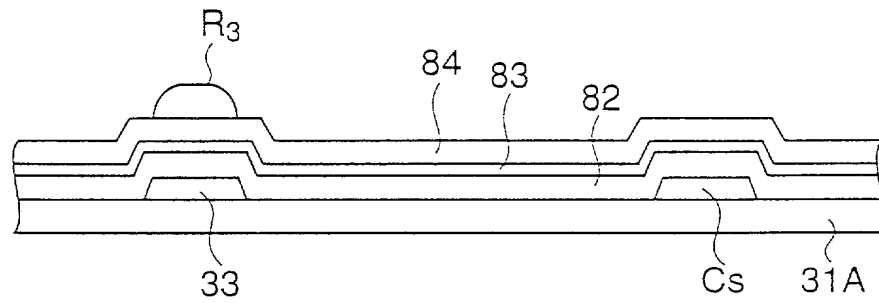


FIG. 36E

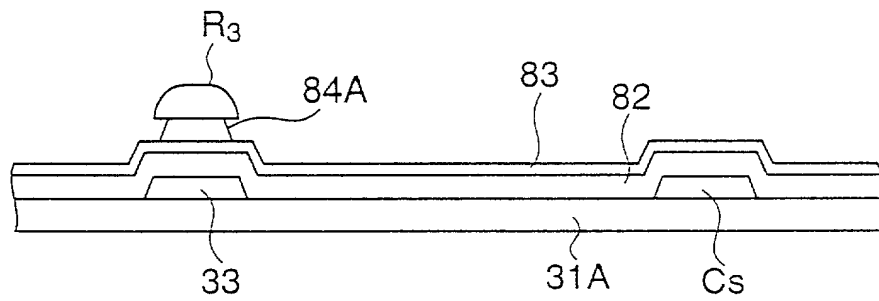


FIG. 36F

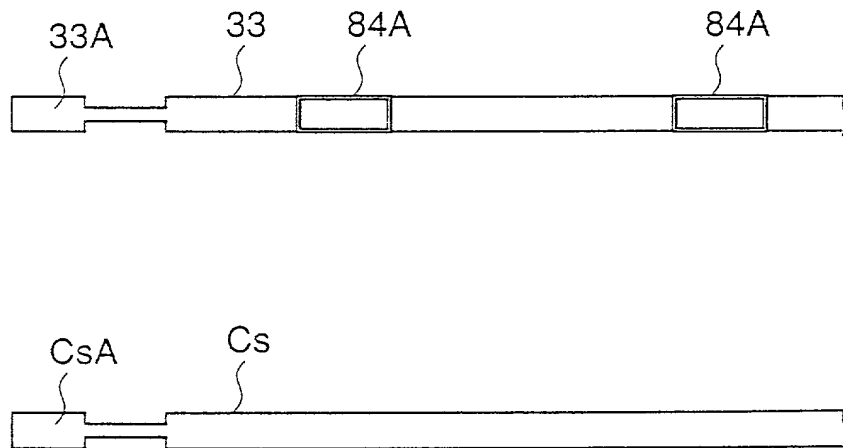


FIG. 36G

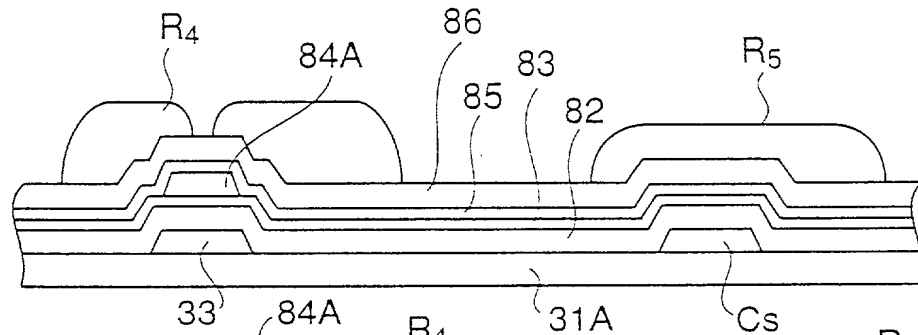


FIG. 36H

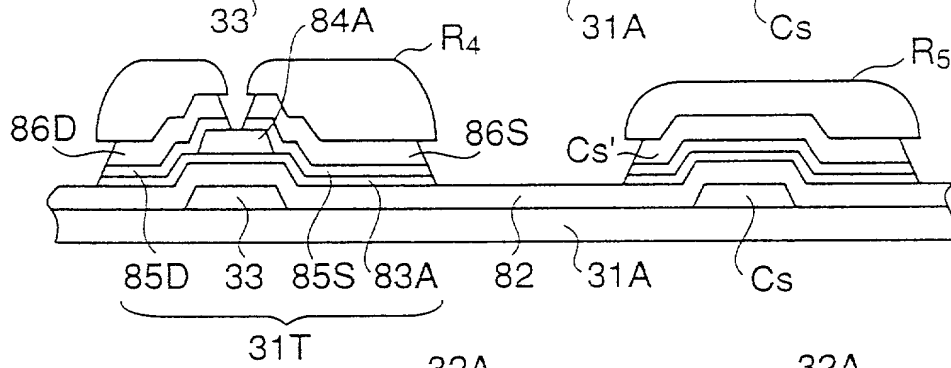


FIG. 36I

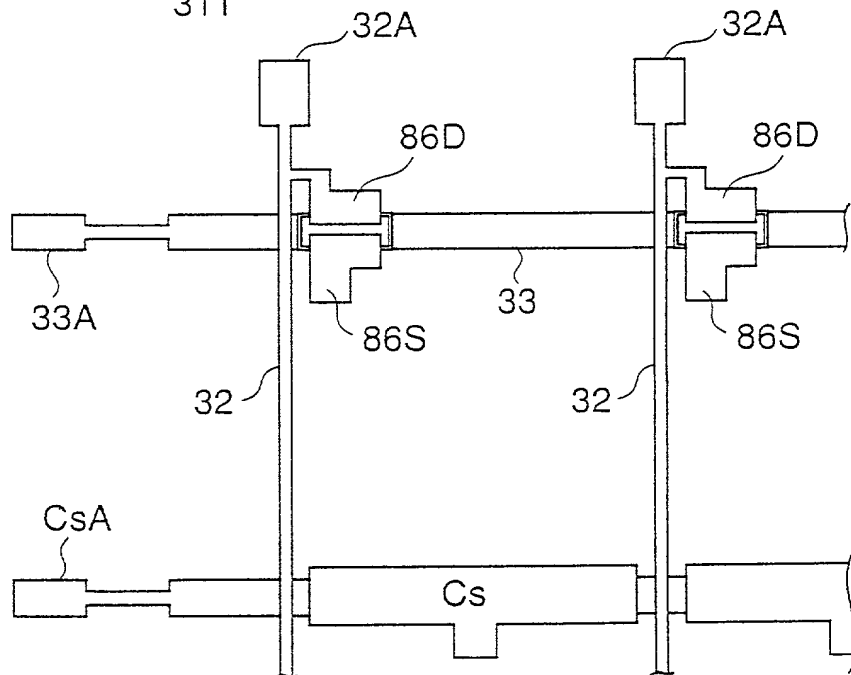


FIG. 36J

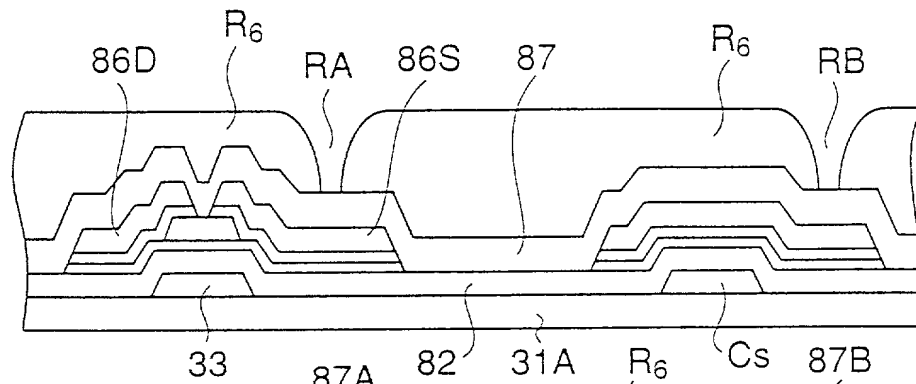


FIG. 36K

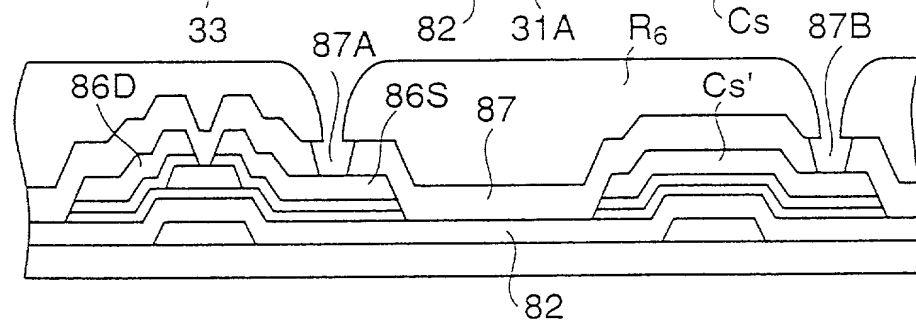


FIG. 36L

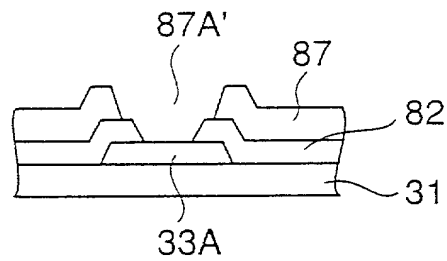


FIG. 36M

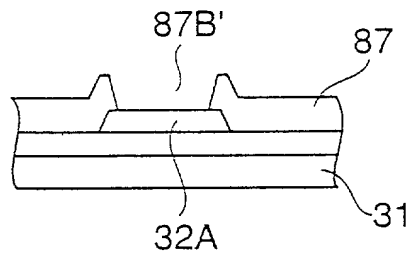


FIG. 36N

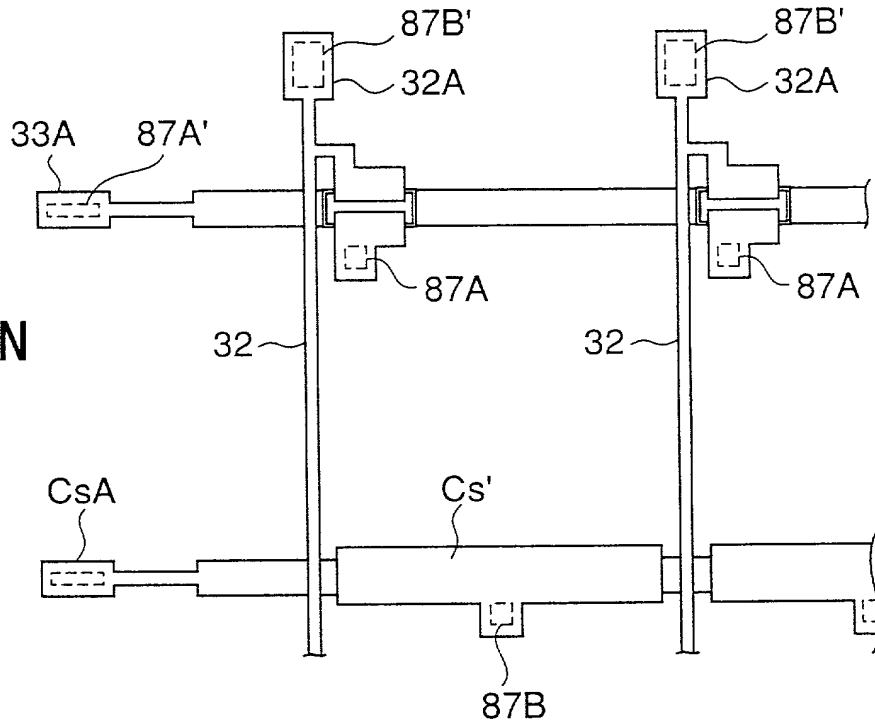


FIG. 36O

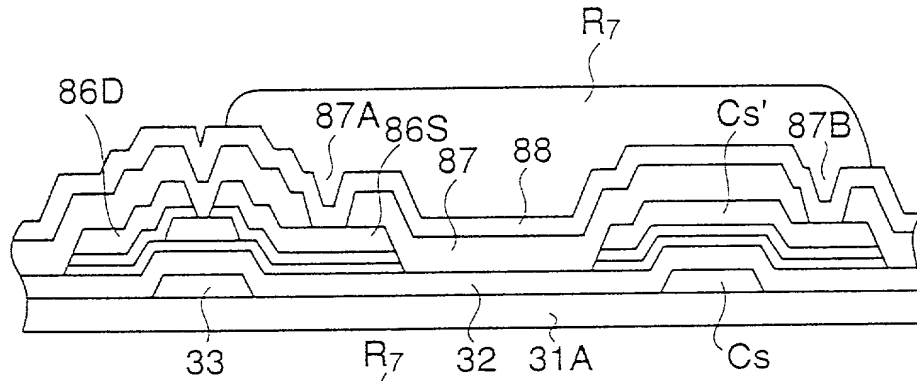


FIG. 36P

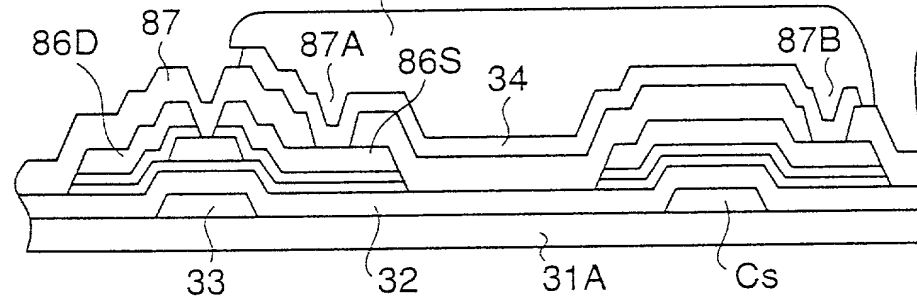


FIG. 36Q

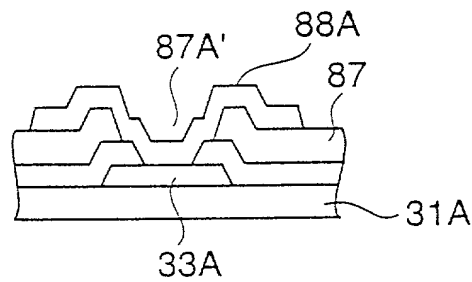


FIG. 36R

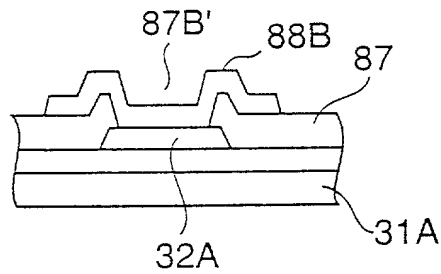
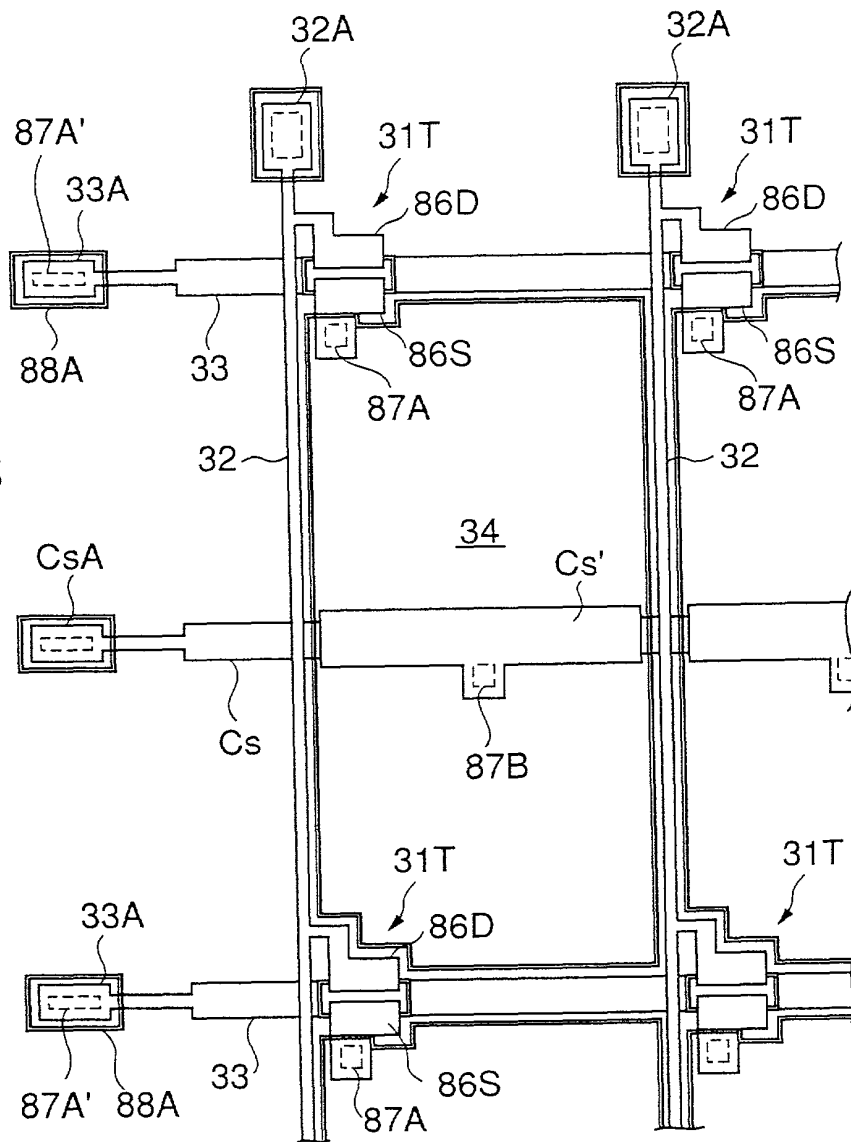


FIG. 36S



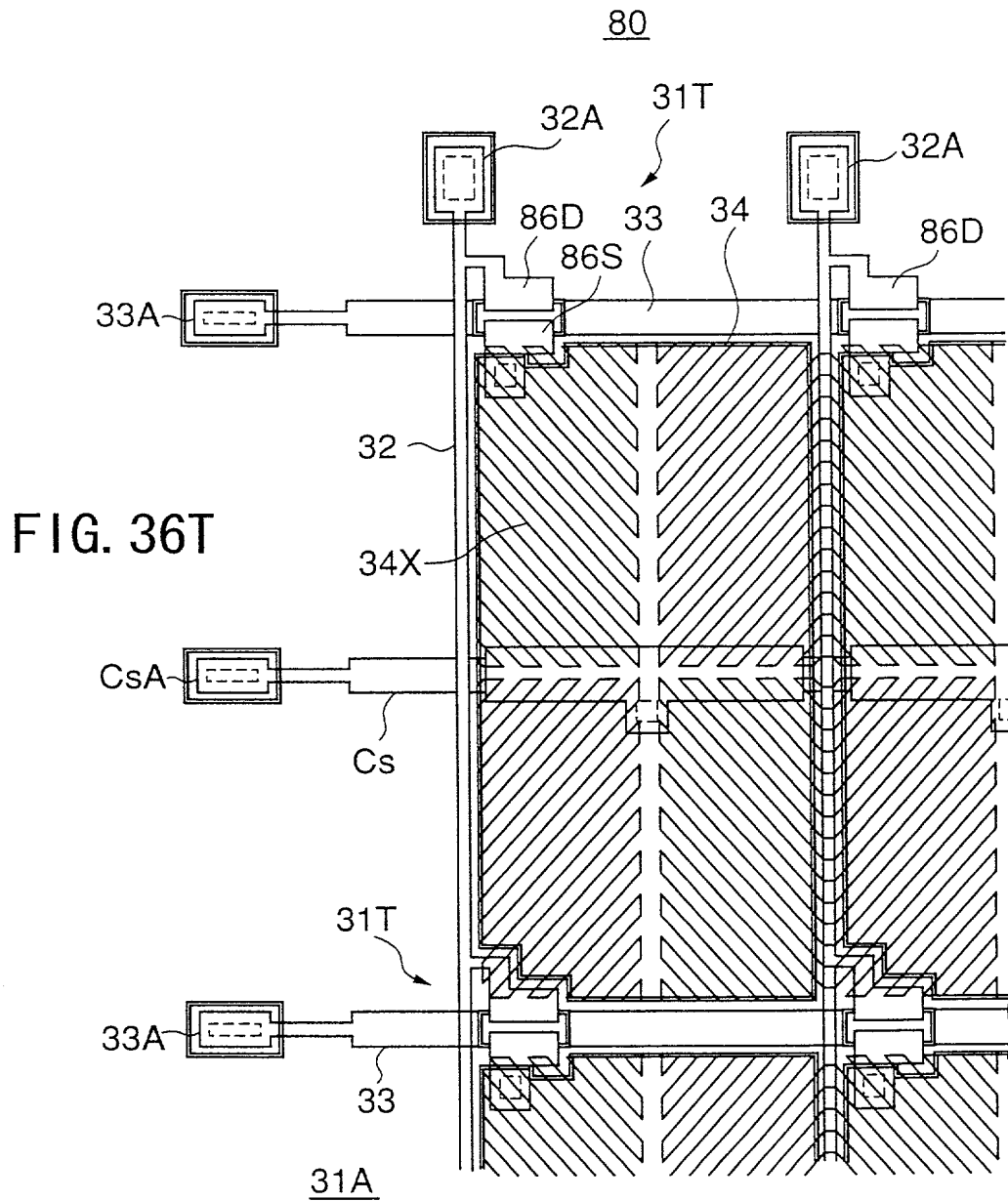


FIG. 37

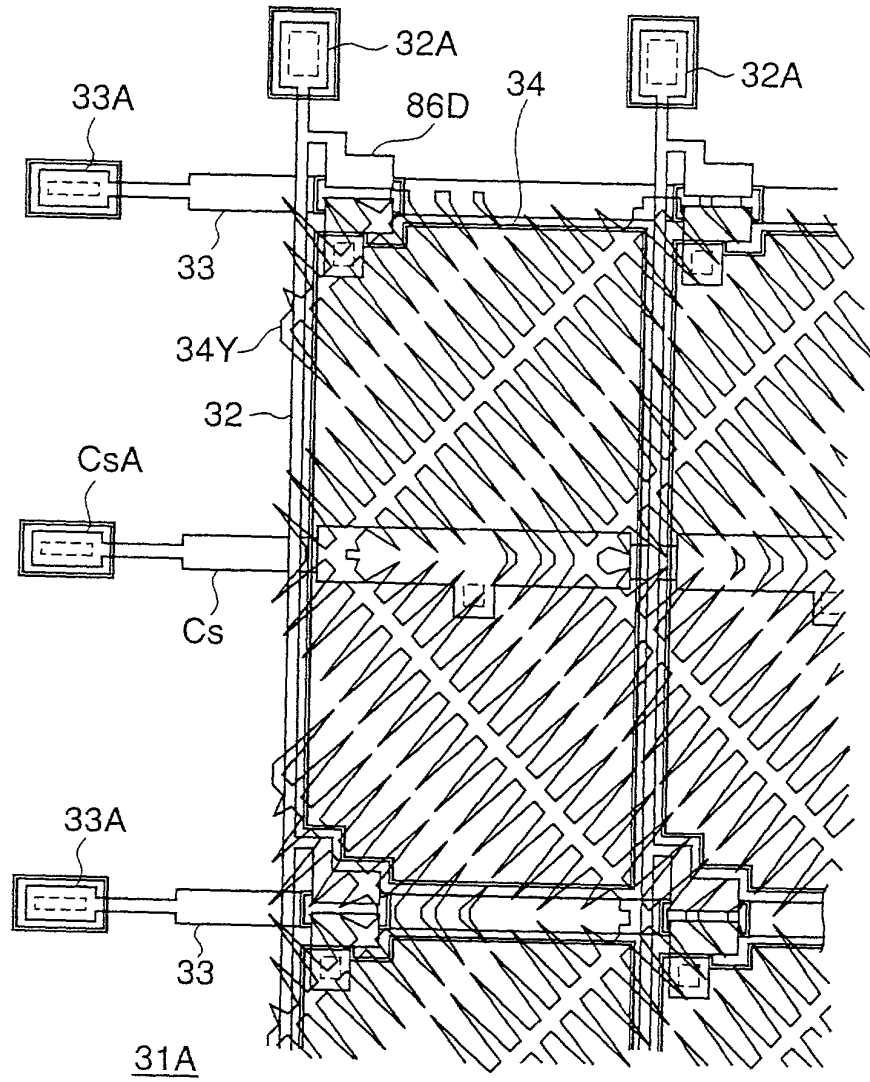


FIG. 37

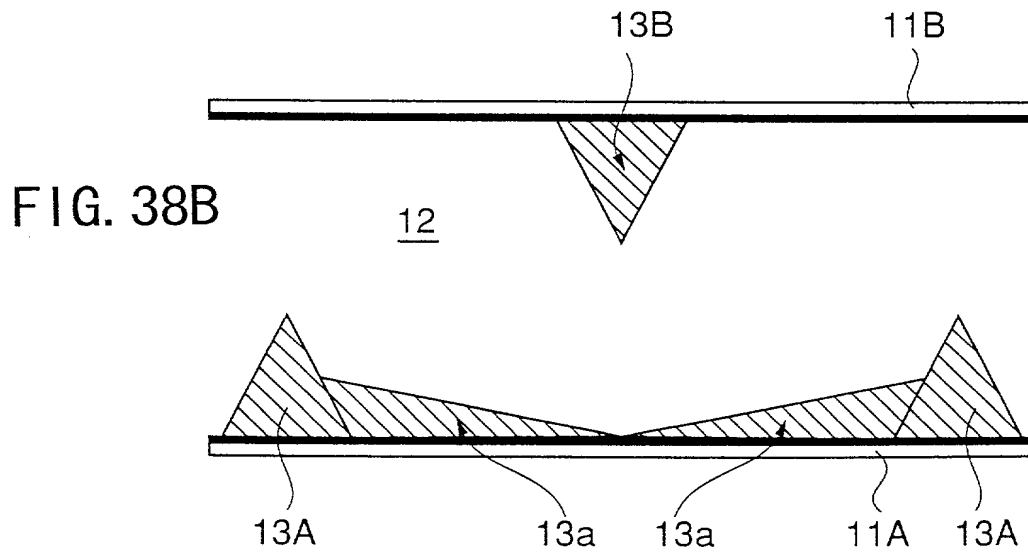
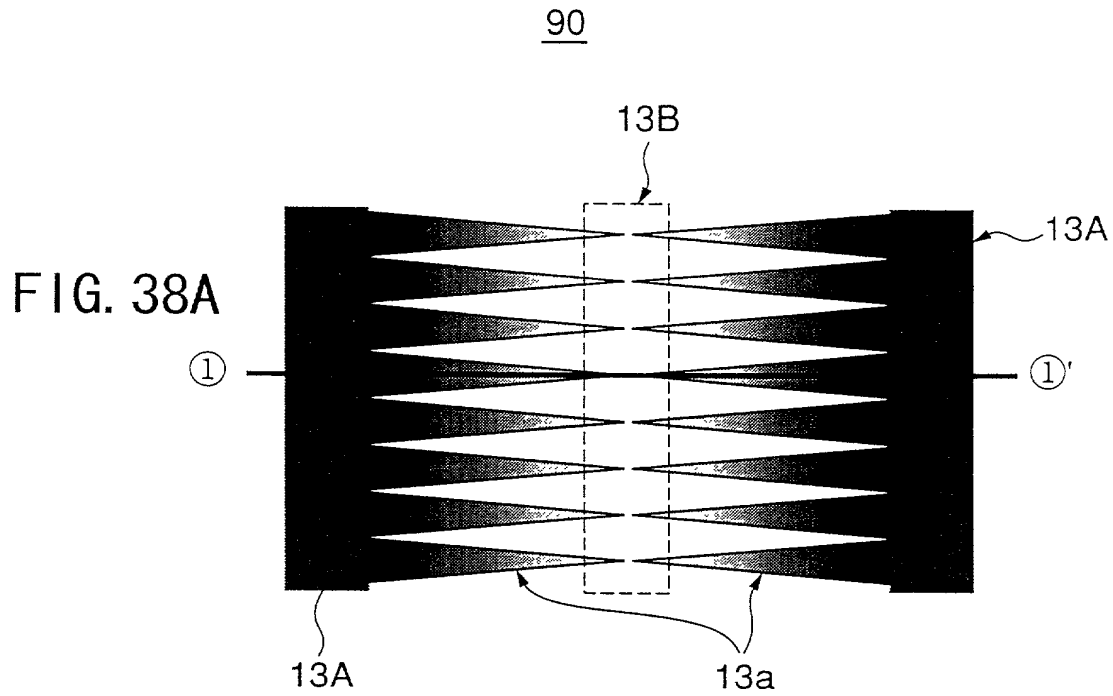
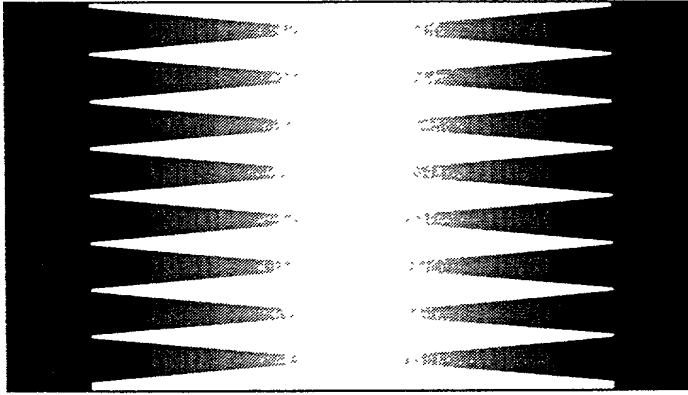


FIG. 39



LIQUID CRYSTAL DISPLAY DEVICE AND METHOD ...
Kataoka et al.
Greer, Burns & Crain, Ltd. (Patrick Burns)
Ref. No. 0941.65687
Sheet 44 of 64 (312) 360 0080

[illegible]

CONVENTIONAL METHOD

FIG. 41A

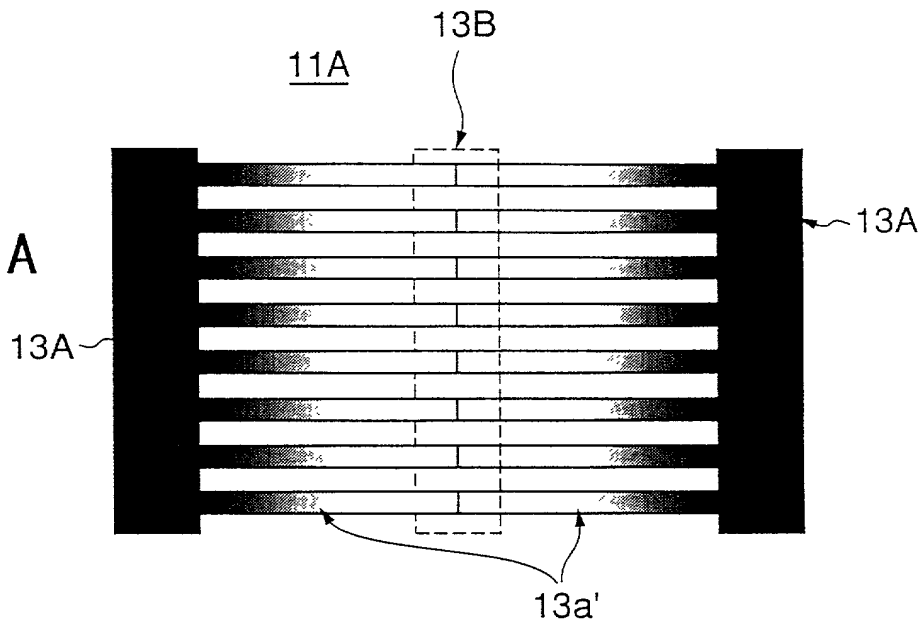


FIG. 41B

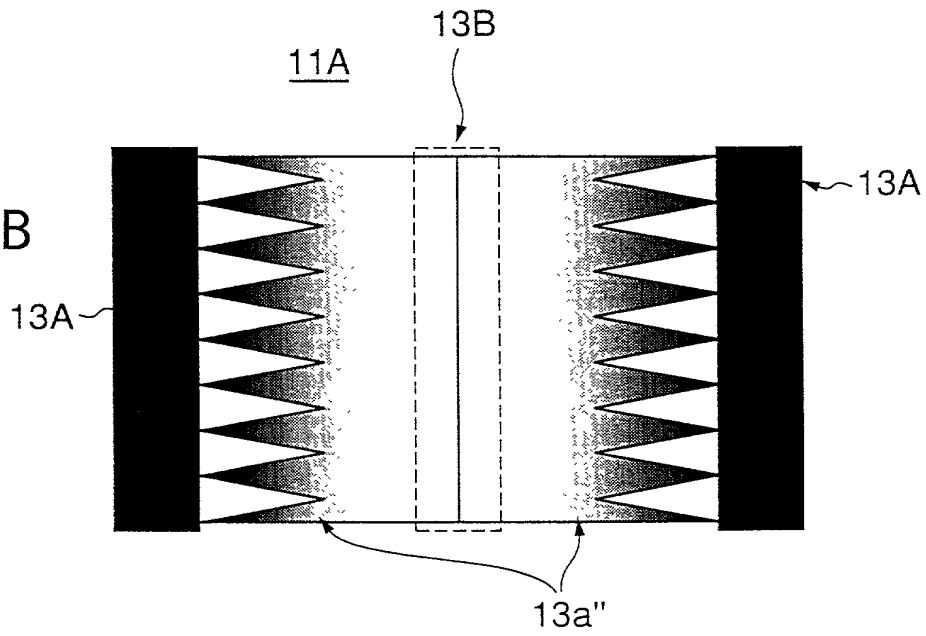


FIG. 42

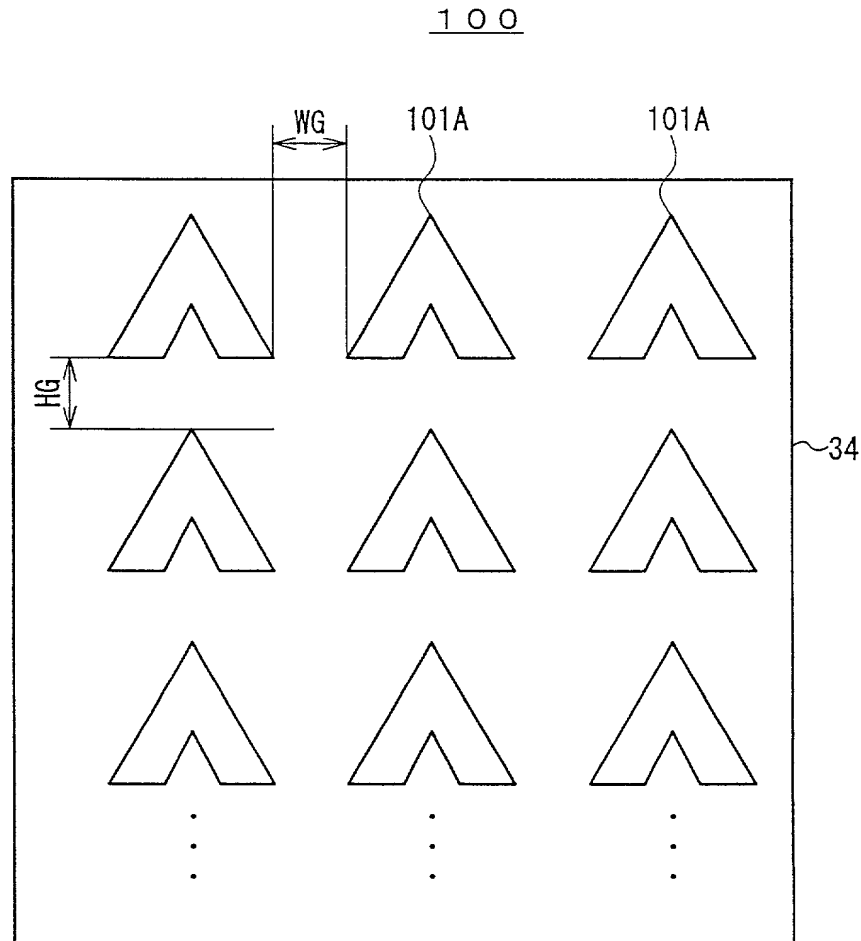


FIG. 43

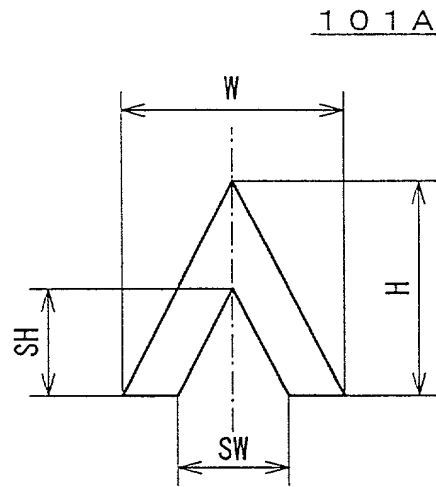


FIG. 44

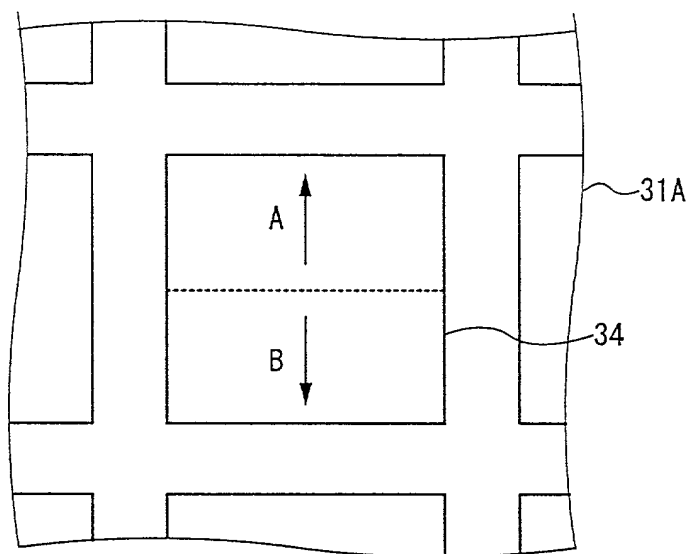


FIG. 45

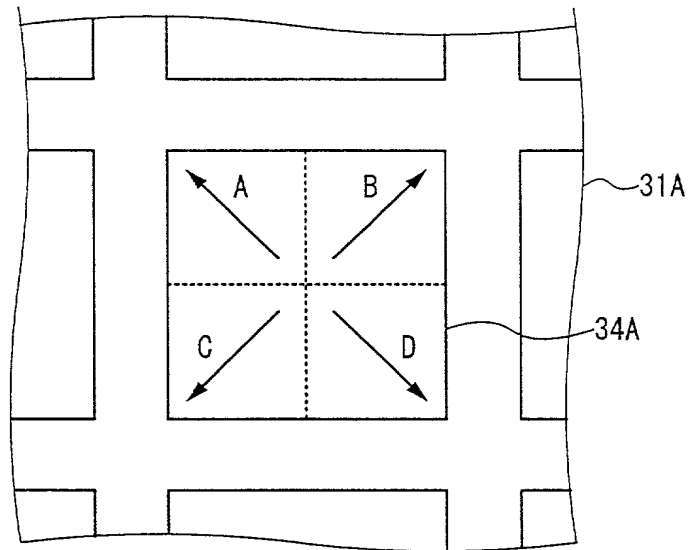


FIG. 46

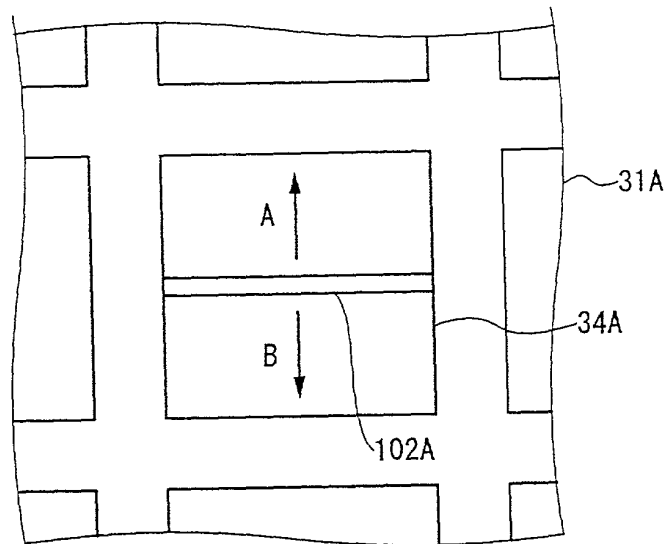


FIG. 47

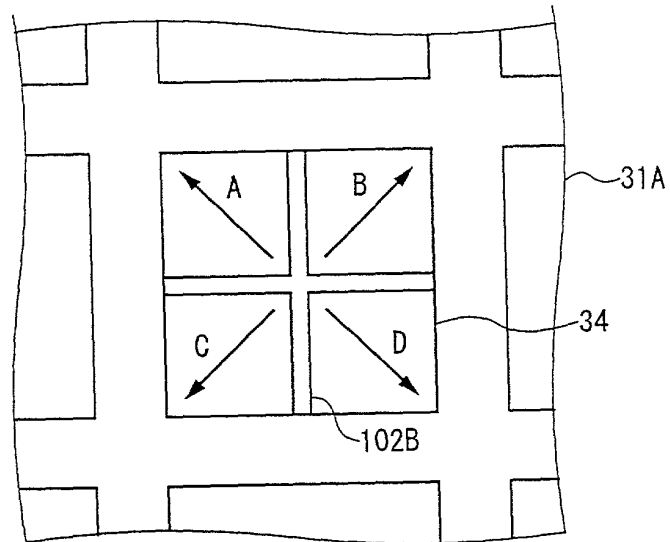


FIG. 48

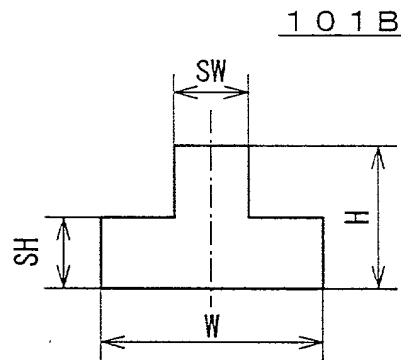


FIG. 49

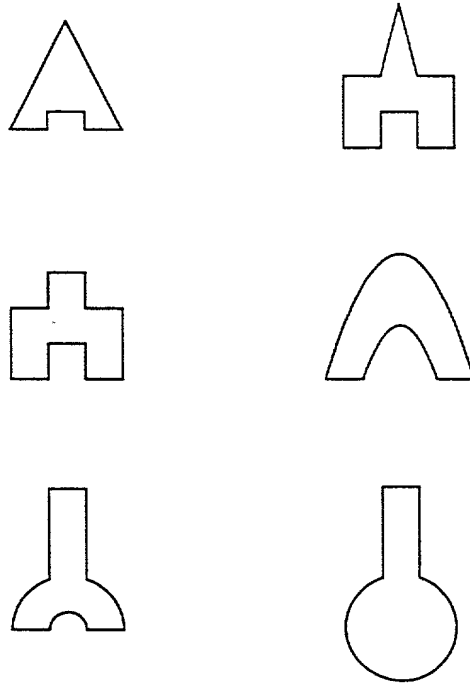


FIG. 50A

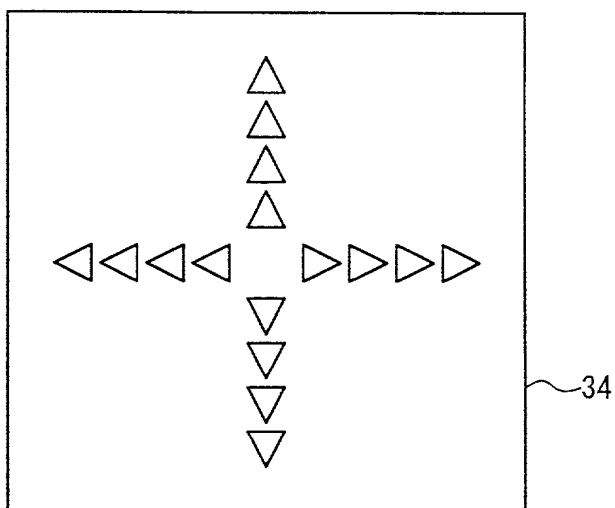


FIG. 50B

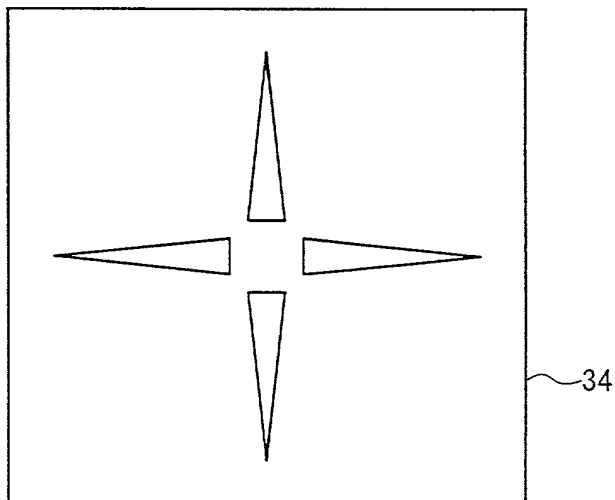


FIG. 51

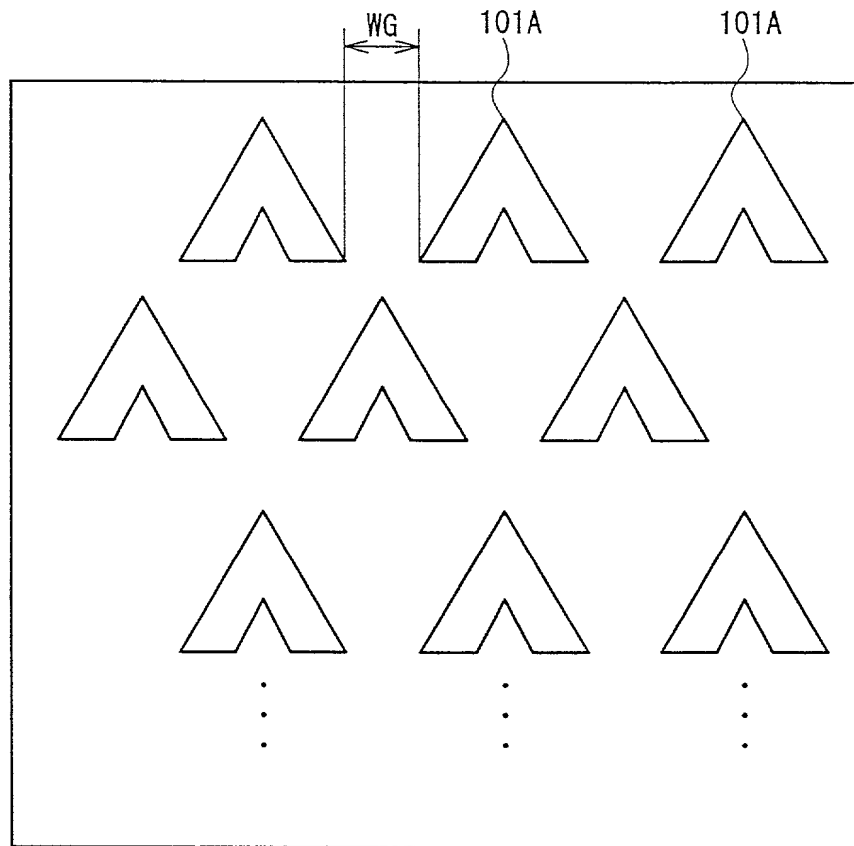


FIG. 52

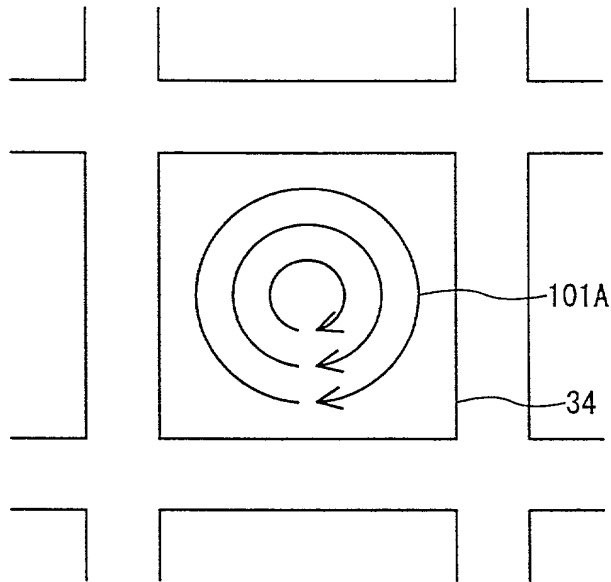


FIG. 53A

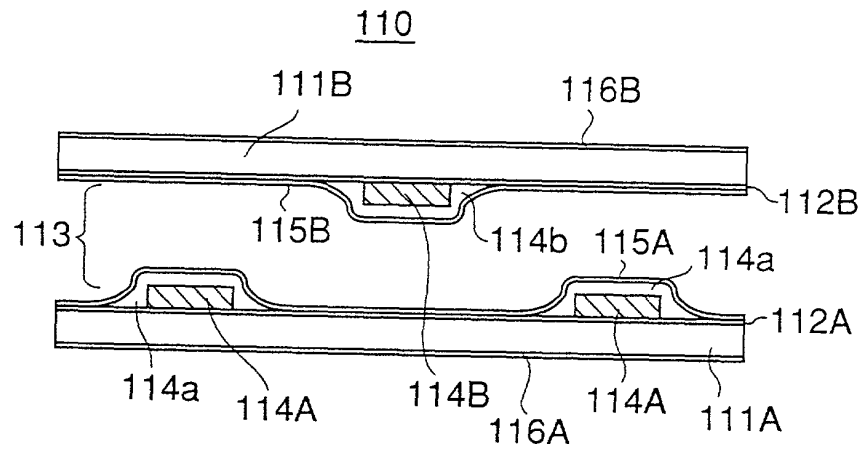


FIG. 53B

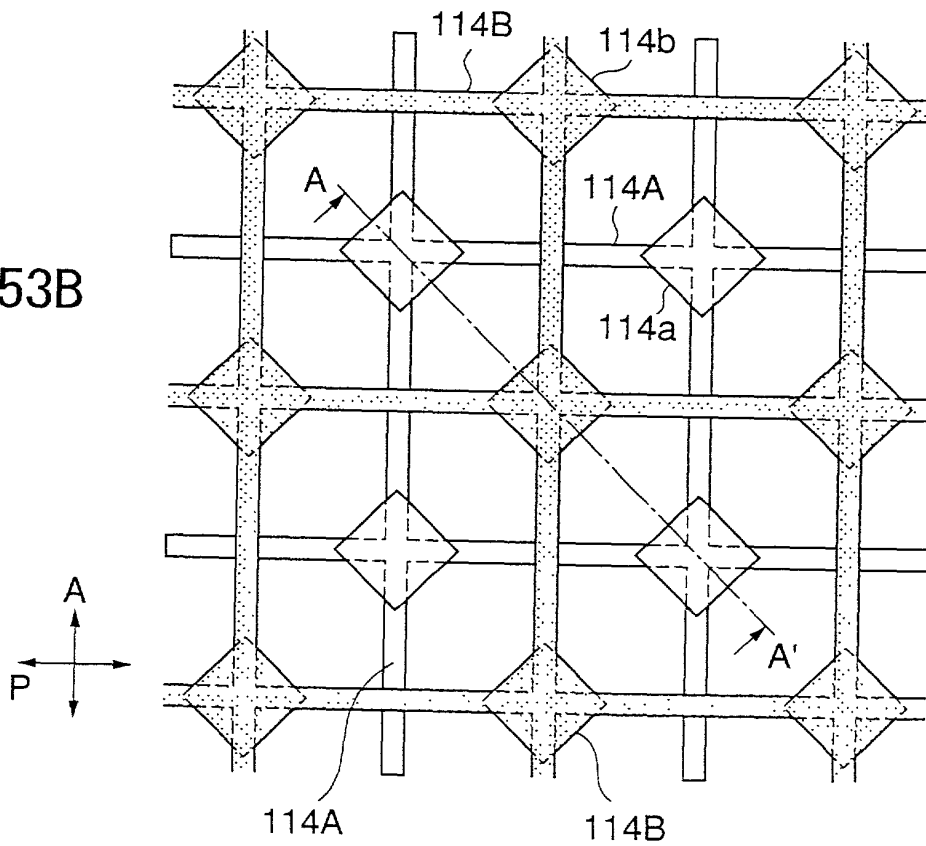
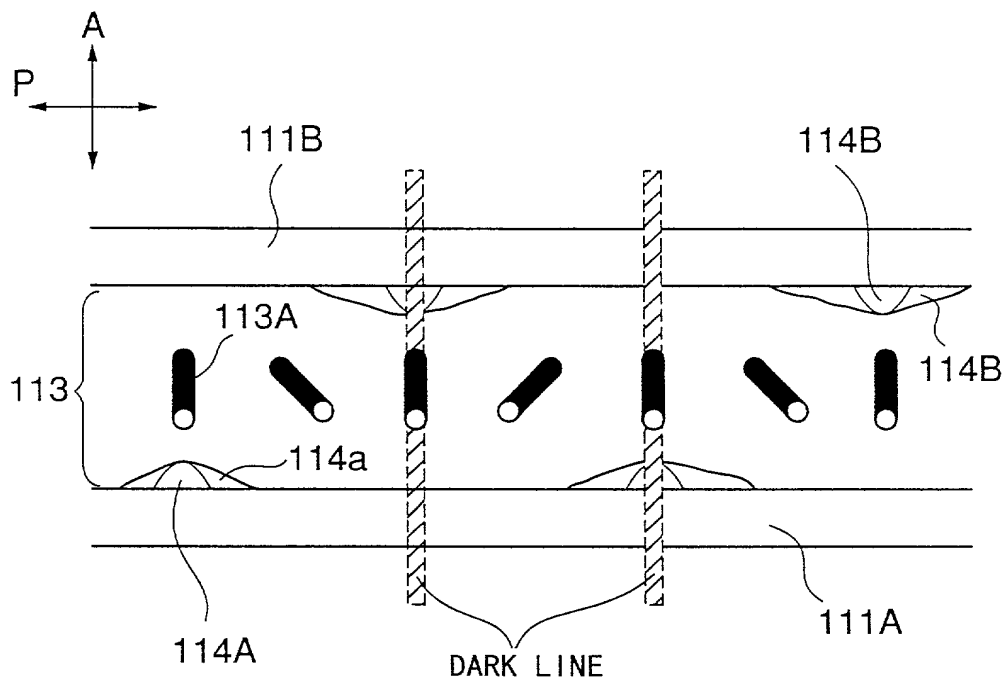


FIG. 54



Patented by the U.S. Patent and Trademark Office on 08/01/2001 in U.S. Pat. No. 6,280,000

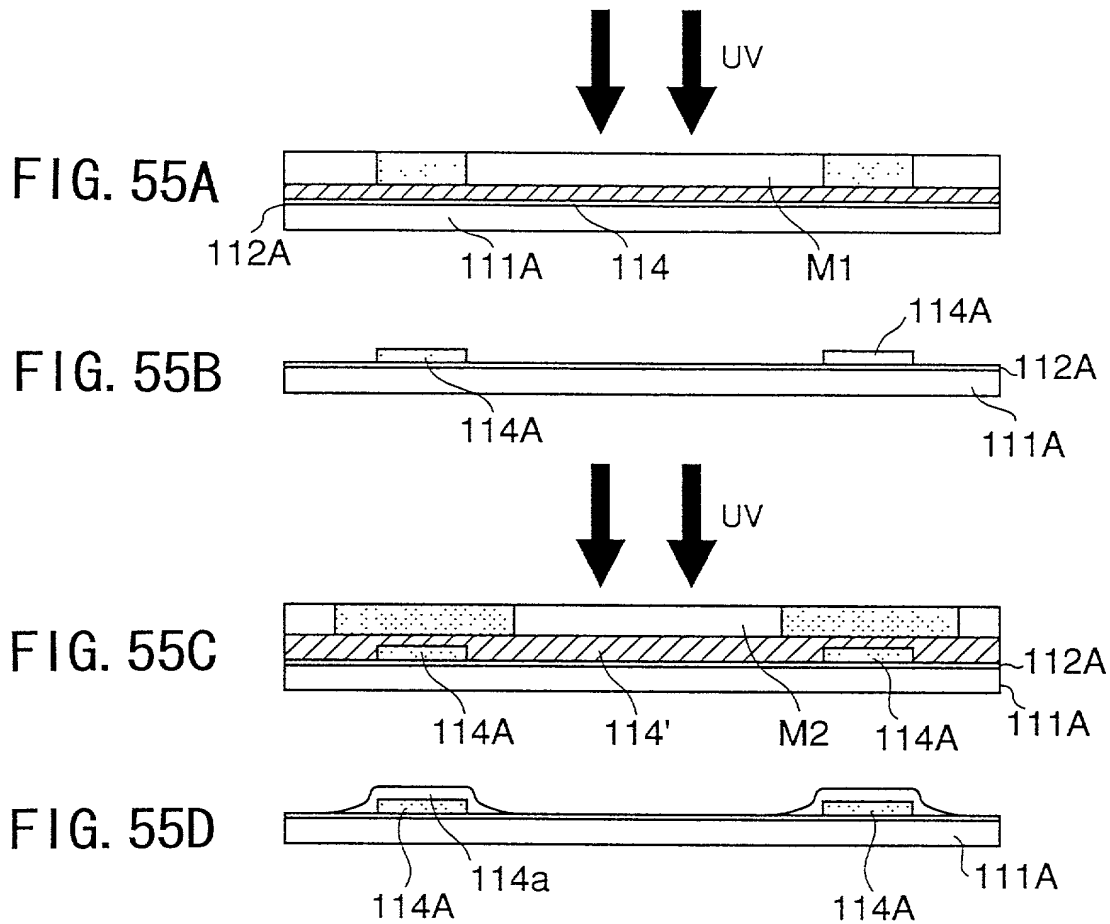


FIG. 56

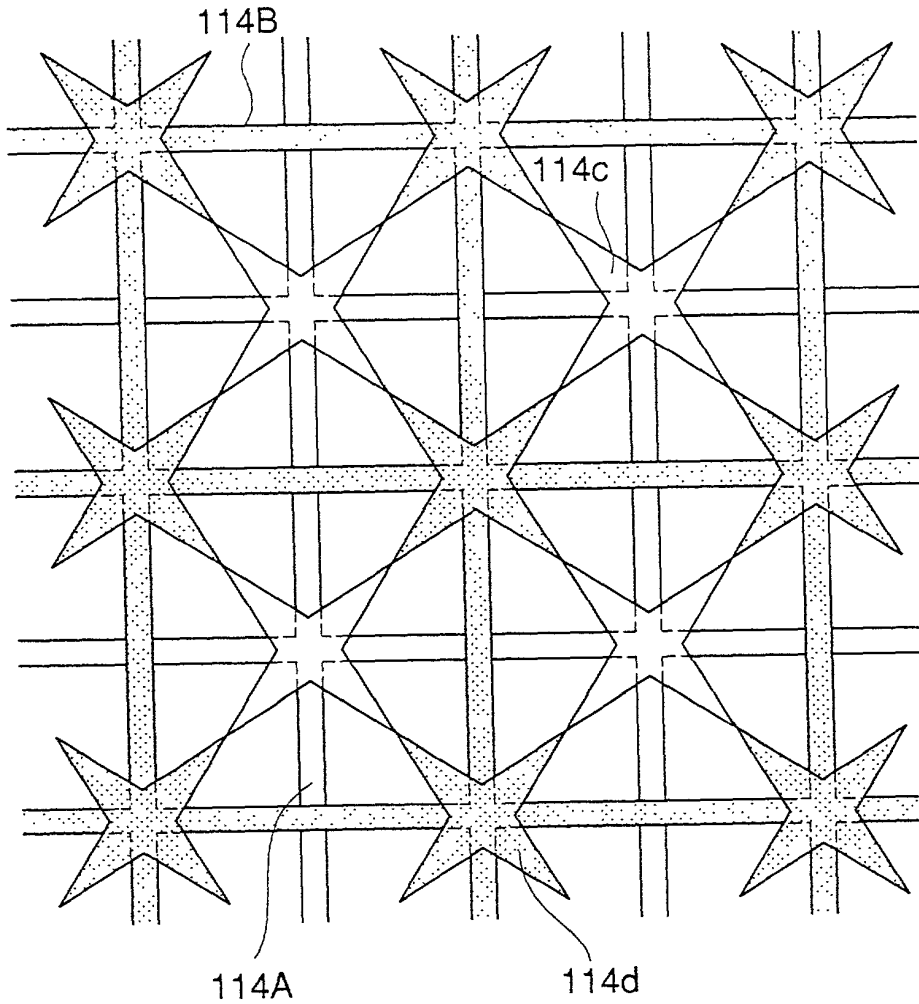


FIG. 57

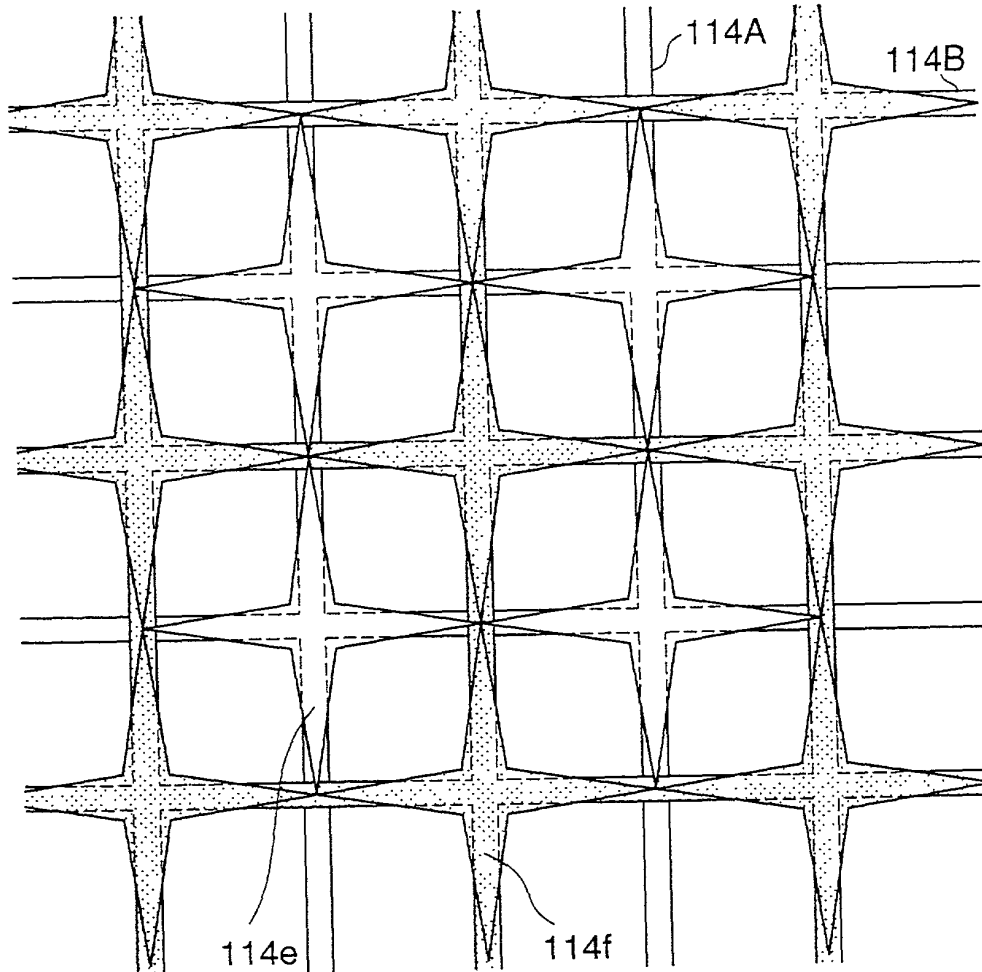


FIG. 58

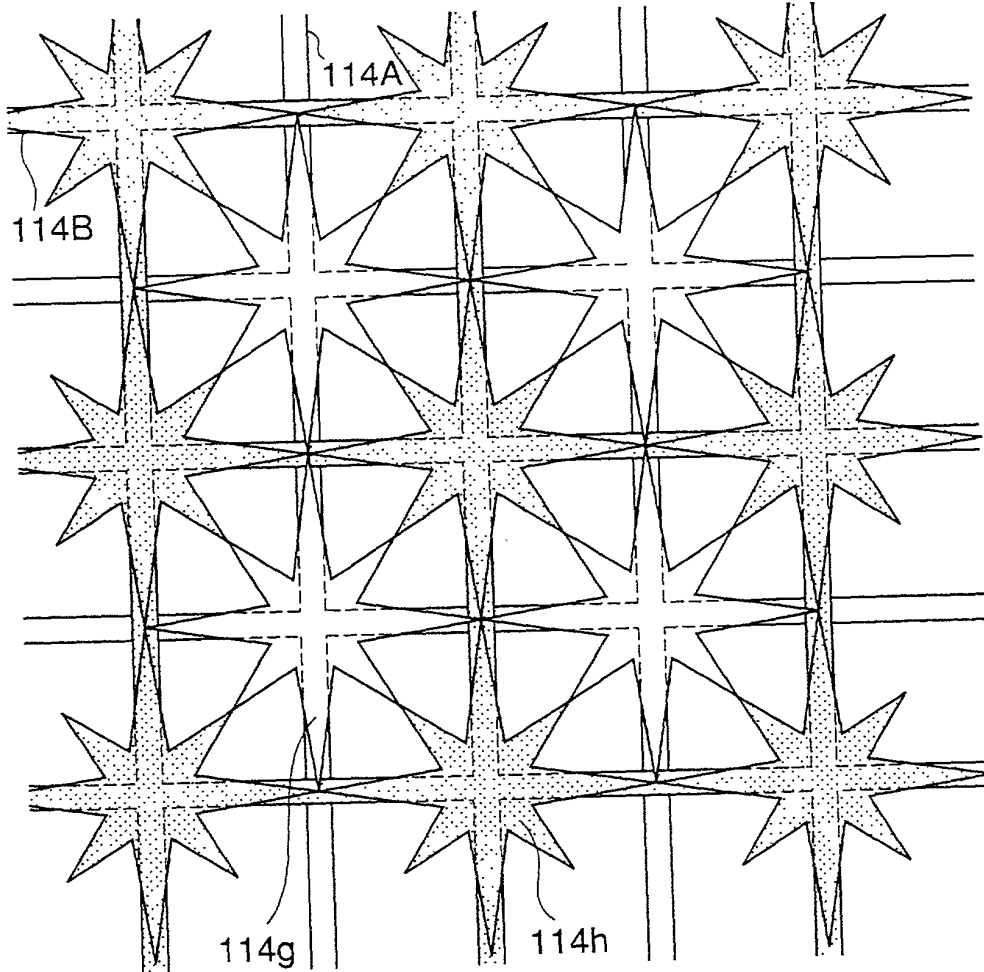


FIG. 59

